MATERIAL SAFETY DATE SHEET PAGE 3 of 3

EMERGIENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with water for 15 minutes while holding eyelids open.

Get medical attention.

SKIN CONTACT: Flush with water. Follow by washing with soap and water.

Remove contaminated clothing and do not reuse until laundered.

If irritation persists, get medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing

is difficult. Give artificial respiration if not breathing.

Get Medical attention.

INGESTION: DO NOT INDUCE VOMITING, If vomiting occurs spontaneously,

keep head below hips to prevent aspiration of liquid into

the lungs. Get medical attention. **

** NOTE TO THE PHYSICIAN: If more than 2.0 ml per kg has been ingested and vomiting has not occured, emesis should be induced with supervision. Keep victim head below hips to prevent aspiration. If symptoms such as ioss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

WASTE DISPOSAL METHOD

Dispose of in a facility approved under RCRA regulations for hazardous waste. Containers must be leak proof and tightly sealed.

ENVIRONMENTAL HAZARDS

This product is an oil under the clean water act. KEEP OUT OF SURFACE WATERS AND ANY WATER COURSES OR SEWERS ENTERING OR LEADING TO SURFACE WATERS.

MATERIAL SAFETY DATA SHEET





CHEMICAL NAME: Solver	nt Blend			D15(01	ITINUED
S Y N O N Y M S : ·		С	HEMICAL F		
FORMULA:	\	N	IOLECULAR V	WEIGHT:	
TRADE NAME AND SYNOMYMS	Gare All Pur	pose Brush	Cleaner		
	I. PH	(SICAL E	ATA		
BOILING POINT, 760 mm. Hg	340.00 Deg		FREEZING POIN	І Т	, Ŋ/ Þ
SPECIFIC GRAVITY (H2O = 1)	.76		VAPOR PRESSU	JRE AT 20°C.	0.88 MMHG
VAPOR DENSITY (air = 1)	5. 3		SOLUBILITY IN WATER, % I	by wt.	54.8%
PER CENT VOLATILES BY VOLUME	90%		EVAPORATION (B utyl Acetate :		< 0.1
APPEARANCE AND ODOR	tight Colored	Liquid. F	ain t Hydrocan	Xon odor	
	II. HAZ	ARDOU	S INGRE	DIENTS	_
	MATERIAL			% ،	TLV (Units)
	Petroleum Alip	natic Hydro	caybon	50	500 ppm (PEL/T
	Glycol Ether			40	50 ppm-skin (PEL 25 ppm-skin(TLV
		2 20			
111.	FIRE AND E	XPLOSIC	N HAZAR	D DATA	
FLASH POINT (test method) 125 Deg	. F. (TCC)	AUTOIGN TEMPERA			
FLAMMABLELIMITS IN AIR, % b	y volume	LOWER	UPPER		
EXTINGUISHING	Use wate r fog , f stream O f water. surface of water	Product wi	nemical or C		
	elf-contained brea perated in press				
UNUSUAL FIRE AND EXPLOSION HAZARDS f	apors are heavier e moved by ventile lames and ignition andling point.	ation and ${f i}_1$	gnited by hea	at, pilot li	ghts, other
	EMERGE	NCY PHON	E NUMBER		Pr
					

White we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the drift of the total to be taken as of warranty or representation for which we of erume legal responsibility. They are offered solely for your consideration, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and local laws and regulations:

	iV. HE	ALTH HAZARD DA	ATA
THRESHOLD LIMIT VALUE	See Se	ction II	
EFFECTS OF OVEREXPOSURE	Eyes: Can Co Skin: Prolon fatti Breathing: I	ause severe irritation nged or repeated conta ng, dermatitis. Can be excessive inhalation o respiratory irritation neadache, possible unco	redness, tearing, blurred vision of can cause moderate irritation, deabsorbed in toxic amounts. f vapors can cause nasal and dizziness, weakness, fatigue, nause insciousness, and even asphyxiation.
EMERGENCY AND FIRST	Swallowing:	and diarrhea. Aspirat cause chemical pheumo	tinal irritation, nausea, vomiting ion of material into the lungs can initis which can be fatal.
AID PROCEDURES	SEE PAG	GE 3	
_	٧. ١	REACTIVITY DAT	·A
STABILITY UNSTABLE STABLE XXX	CONDITIONS TO AVOID	Avoid heat, open fl	ames and strong oxidizing agents,
incompatibility (materials to avoid)	Strong	oxidizing agents	_
HAZARDOUS DECOMPOSITION PRODUCTS	L.	oxide, carbon dioxide ing combustion.	and unidentified crgarics may be
HAZARDOUS POLYMERIZATION May Occur Will not Occur xxx	CONDITIONS	Ing combas cross	
	VI. SPILL	OR LEAK PROCE	DURES
STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED			absorbent material and place in leak sposal. Fource or initition Wear approved the clothing. Shut off source of Leak stain. Remove with vacuum trucks, sels. soak up residue with absorbent drums. Flush-area wrth water to rem
VI	I. SPECIAL	PROTECTION IN	FORMATION
RESPIRATORY PROTECTION (specify type)	Use a NIOS	SH/MSHA jointly approve	ed air supplied respirator
VENTILATION MECHANICAL	Sufficient	to maintain below TLV	V SPECIAL
(general)	Use explosi	on proof	OTHER
PROTECTIVE GLOVES	Wear resist	ant gloves	EYE Chemical splash goggles PROTECTION areadvised.
OTHER PROTECTIVE		repeated or prolonged	d contact with skin, wear
	-	SPECIAL PRECAU	TIONS
PRECAUTIONARY LABELING	Caution Store awith ada	! Combustable! way from strong ozidiz	ing agents in acool, dry place, ep away from heat and open flames
OTHER HANDLING AND STORAGE CONDITIONS		ilet facilities. Laund	e eating-, drinking, smoking or der contaminated clothing before reuse

**** / 200

NFPA Rating

MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept of Labor) Form approved OMB No. 12186072 OSHA 174 - Sept 1985

Health	3
Flammability	4
Reactivity	1

IDENTITY:

GLOSS m 3148

Manufacturer's Name	Aerosol Systems, I nc		Emergency Telephor	e Number . 16) 467-4195		
ddress 91 SO Valley View Road			Telephone Number for	,		
	Macedonia, OH 44056		Date Preoared 1/26/9	0		
larketers name must be	used above per OSHA		Signatúre of Prepare			
Section II - Hazardous	Ingredients/Identity Informat	tion				
lazardous Components	(Specific Chemical Identity, Co	mmon Names(s)) OSHA PEL	ACGIH TLV	STEL	%(optiona
Isoproj	pyl Acetate (108-21-4))	250	250	310	24
*1,1,]1	richloroethane (71-5	5-6)	350	350	450	8
*Tol uene	(108-88-3)		200	100	150	19
Diactor	e Alcohol (123-43-2)		50	50	not availa	ble 3
* Xylene	(1330- 20-7)		100	100	150	10
- Propan	e/isobutane (74 -98- 6)		1000	1000	asphyxia	int 25
The accep	vardous ptable ceiling concen- ve the acceptable cei es for toluene.	tration fo	r toluene is 3	OQ ppm Acc	ceptable max	t t x i mum
The acceprease about 10 minutes	zardous ptable ceiling concen ve the acceptable cei	tration for	r toluene is 3	OQ ppm Acc	ceptable max	t t x i mum
The accepread about 10 minutes (SEE ATTA	vardous ptable ceiling concen- ve the acceptable cei- es for toluene. CHED SHEET FOR STATEM	tration for the trace tr	r toluene is 3	OQ ppm Ace	ceptable max	t t x i mum
The accepeak about 10 minutes (SEE ATTA DOT SHIPPING - Consults Section !!! - Physical/C	ptable ceiling concentre the acceptable ceiling concentre the acceptable ceiles for toluene. CHED SHEET FOR STATEMENT COMMODITION CHARACTERISTICS Chemical Characteristics Range	tration for	r toluene is 3	OQ ppm Ace	ceptable max	t t x i mum
The accepted about 10 minutes (SEE ATTA DOT SHIPPING - Consults Section!!! Physical/C	ptable ceiling concentre the acceptable ceiling concentre the acceptable ceiles for toluene. CHED SHEET FOR STATEMENT COMMODITION CHARACTERISTICS Chemical Characteristics Range	tration for hing conce	r toluene is 3	OQ ppm Ace	ceptable max	t t
The accepread about 10 minutes (SEE ATTA DOT SHIPPING - Consults Section III - Physical/Office Point Vapor Pressure P SIG @ Vapor Density (AIR = 1)	ptable ceiling concentre the acceptable ceiling concentre the acceptable ceiles for toluene. CHED SHEET FOR STATEM mer Commodity ORM-D Chemical Characteristics Range	tration for hing conce	r toluene is 3 ntration for a	00 ppm Ace 1 8 hour sh	ceptable max	t t
The accepted about 10 minutes (SEE ATTA DOT SHIPPING - Consults Section III - Physical/Colling Point Vapor Pressure P SIG @ Vapor Density (AIR = 1)	ptable ceiling concentre the acceptable ceiling concentre the acceptable ceiles for toluene. CHED SHEET FOR STATEMENT COMMODITION CHARACTERISTICS Chemical Characteristics Range 770'F	tration for to 284°F	r toluene is 3 ntration for all Specific Gravity (Hamiltonian Point	OQ ppm Ace 1 8 hour sh	ceptable max	t t xi mum pmi for 0.8 NA
The accepted about 10 minutes (SEE ATTA DOT SHIPPING - Consults Section III - Physical/Office Point Vapor Pressure P SIG @ Vapor Density (AIR = 1) Solubility in Water NONE Appearance and Odor	ptable ceiling concentre the acceptable ceiling concentre the acceptable ceiles for toluene. CHED SHEET FOR STATEMENT COMMODITION CHARACTERISTICS Chemical Characteristics Range 770'F	tration for to 284°F	r toluene is 3 ntration for all Specific Gravity (Hamiltonian Point	OQ ppm Ace 1 8 hour sh	ceptable max	t t xi mum pmi for 0.8 NA
The accepted about 10 minutes (SEE ATTA DOT SHIPPING - Consults Section III - Physical/Office Point Vapor Pressure P SIG @ Vapor Density (AIR = 1) Solubility in Water NONE Appearance and Odor	ptable ceiling concentre the acceptable ceiles for toluene. CHED SHEET FOR STATEM mer Commodity ORM-D Chemical Characteristics Range 70'F Heavier than Air	tration for to 284°F	r toluene is 3 ntration for all Specific Gravity (Hamiltonian Point	OQ ppm Ace 1 8 hour sh	ceptable max	t t xi mum pmi for 0.8 NA
The accepted about 10 minutes (SEE ATTA DOT SHIPPING - Consults Section III - Physical/Office Point Vapor Pressure P SIG (Mapor Density (AIR = 1)) Solubility in Water NONE Appearance and Odor CLEAR/ Section IV Fire and E Flash Point (Method Us) Flash Point (Method Us) 100 F T.	ptable ceiling concentre the acceptable ceiles for toluene. CHED SHEET FOR STATEM mer Commodity ORM-D Chemical Characteristics Range 770'F Heavier than Air SOLVENT ODOR xplosion Hazard Data	tration for to 284°F	r toluene is 3 ntration for all Specific Gravity (Hamiltonian Point	OQ ppm Ace 1 8 hour sh	ceptable max	t t xi mum pmi for 0.8 NA
The accepted about 10 minutes (SEE ATTA DOT SHIPPING - Consults Section III - Physical/Office Point Vapor Pressure P SIG @ Vapor Density (AIR = 1) Solubility in Water NONE Appearance and Odor CLEAR/ Section IV - Fire and E Flash Point (Method Us	ptable ceiling concentre the acceptable ceiles for toluene. CHED SHEET FOR STATEM mer Commodity ORM-D Chemical Characteristics Range 70'F Heavier than Air SOLVENT ODOR xplosion Hazard Data ed)	tration for ting concern.) -40°F to 284°F 65 4.0	r toluene is 3 ntration for an	OQ ppm Ace 1 8 hour sh	ceptable max ift is 500 p	tt xi mum pm for 0.8 NA > 1

Section V - Rea	ctivity Data					•
Stability	Unstable		Conditions to Avoid			
	Stable	Х	High Temperatures			
Incompatibility (Materials to Avoid)	The a	above solvents are	inconpa	atible with stro	ong oxidizers. Not
	mpatible with		e metais.			
		compos	se to water, carbon	di oxi d	e, halogen acids	and phosgene.
Hazardous Polymerization	May Occur		Conditions to Avoid			
	Will not Occur	х	None			
Section VI · Hea	alth Hazard Data					
Route(s) of Entry	y:	inha	alation? Yes	Skin?	Yes	ingestion? Yes
Health Hazards	(Acute and Chronic	•		strations	Will cause defetting of a	
			narcosis in high vapor concer			
						amage. The solvents
	listed have been	reporte	d to affect the central nervous	s system.		
Carcinogenicity:		NTP1		RC Mono	graphs?	OSHA Regulated?
-	Presently not on	any lis	<u>t.</u>			
Signs and Symp	otoms of Exposure		breething Chin reduces Inge	otion vom	itia a	
	innalation • Dimic	cuity in	breathing. Skin-redness Inge	Stion-von	iiting.	
Medical Conditi	iono					
		Heart	Disease; Respiratory Disorder	rs.		
Emergency and	First Aid Procedure		luce vemiting - Costrie levege	- Wash a	was and akin with water	
	Give Oxygen - Do	not inc	duce vomiting • Gastric lavage	• wasii e	yes and skin with water.	:
	recautions for Safe					
Steps to be Tak	ken in Case Material Use absorbent s		eased or Spilled: g compound to soak up mate	rial. Put i	nto container. Dispose a	as hazardous waste.
Waste Disposal		rdoue v	waste in accordance with EPA	DCDA		
Precautions to	be Taken in Handlin	g and			ures below 120°F	
	ons When spray	ing 1	more than one half	can co	ontinuousiy _{or mor}	e
t	han one can co	onsecu	utively, use NIOSH a	pprove	d respirator.	
SectionVIII - C	ontrol Measures					
Respiratory Pro	tection (Specify Typ Self contained brea		apparatus if above TLV limit e	exceeding	•.	
▲ Ventilation ~::			n •	9	Special	
	Mechanical (Ge		/es		Other	
Protective Glov	es		None	Fve P	None rotection	Water.
	None required if	sprayir	ng	_ye i-i	Wear eye pro	

Other Protective Clothing or Equipment Long sleeve and long pants

STATEMENT FOR TM 3148 GLOSS

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.



MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)
Form approved OMB No. 1218-0072
OSHA 174 - Sept. 1985

NFPA Rating				
Health	2			
Flammability	4			
Reactivity	C			

IDENTITY:

Unusual Fire and Explosion Hazards

HIGH GLOSS -- TM 3165

Section I						
Manufacturer's Name	Aerosol Systems, Inc	·	Emergency Telepho	one Number . (216) 467-4195		
Address	9150 Valley View Road	Telephone Number	for Information (216) 467-4195			
	Macedonia, OH 44056		Dale Prepared	12/19/89		
Marketers name must b	e used above per OSHA		Sign ture of Prepa			
Section II • Hazardous	Ingredients/Identity Inform	nation				
Hazardous Components	s (Specific Chemical Identity.	Common Names(s)) OSHA PEL	ACGIH TLV	STEL	%(optiona
* Toluen	e (108-88-3)		200	100	150	47
Di acet	cone Alcohol (123-42-	2)	50	50	not available	2
* 1,1,1	Trichloroethane (71-	55-6)	350	350	450 .	10
* Xylene	e (1330-20-7)		100	100	150	6
Propar	ne/Isobutane (74-98-6	6)	1000	1000	asphyxi ant	23
Non h	azardous					12
peak ab	eptable ceiling conc ove the acceptable ce tes for toluene,					
peak abo	ove the acceptable ce tes for toluene. ACHED SHEET FOR STATI	eiling concer				
peak abo	ove the acceptable ce tes for toluene,	eiling concer				
peak about 10 minu (SEE ATT DOT SHIPPING - Consi	ove the acceptable ce tes for toluene. ACHED SHEET FOR STATI	eiling concer				
Peak about 10 minutes (SEE ATT DOT SHIPPING - Constant Section III - Physical/Boiling Point	ACHED SHEET FOR STATE umer Commodity ORM-D Chemical Characteristics Range	eiling concer	ntration for a	an 8 hour shi		
Peak about 10 minut (SEE ATT DOT SHIPPING - Const	ACHED SHEET FOR STATE umer Commodity ORM-D Chemical Characteristics Range	EMENT.)	ntration for a	an 8 hour shi		0.8
Peak about 10 minutes (SEE ATT DOT SHIPPING - Constant Section III - Physical/Boiling Point	ACHED SHEET FOR STATE umer Commodity ORM-D Chemical Characteristics Range	EMENT.)	Specific Gravity (an 8 hour shi	ft is 500 ppm	for
Peak about 10 minut (SEE ATT OOT SHIPPING - Constant Section III - Physical/ Boiling Point Vapor Pressure PSIG (ACHED SHEET FOR STATE umer Commodity ORM-D Chemical Characteristics Range	EMENT.) - 40°F to 289°F	Specific Gravity (I	an 8 hour shi	ft is 500 ppm	O.8 NA
peak about 10 minut (SEE ATT OT SHIPPING - Const Section III - Physical/ Boiling Point Vapor Pressure PSIG (Vapor Density (AIR = 1) Solubility in Water NONE Appearance and Odor	ACHED SHEET FOR STATE umer Commodity ORM-D Chemical Characteristics Range	EMENT.) - 40°F to 289°F	Specific Gravity (I	an 8 hour shi	ft is 500 ppm	O.8 NA
Peak about 10 minut (SEE ATT OOT SHIPPING - Const Section III - Physical/ Boiling Point Vapor Pressure PSIG (Vapor Density (AIR = 1) Solubility in Water NONE Appearance and Odor CLEAR	ACHED SHEET FOR STATE umer Commodity ORM-D Chemical Characteristics Range 970°F Heavier than Air	EMENT.) - 40°F to 289°F	Specific Gravity (I	an 8 hour shi	ft is 500 ppm	O.8 NA
(SEE ATT OT SHIPPING - Consider of Consid	ACHED SHEET FOR STATI umer Commodity ORM-D Chemical Characteristics Range 970°F Heavier than Air /SOLVENT_ODOR Explosion Hazard Data	EMENT.) - 40°F to 289°F	Specific Gravity (I	an 8 hour shi	= 1)	0.8 NA >1
(SEE ATT OT SHIPPING - Const Section III - Physical/ Boiling Point Vapor Pressure PSIG (Vapor Density (AIR = 1) Solubility in Water NONE Appearance and Odor CLEAR Section IV- Fire and E Flash Point (Method U) 40° F	ACHED SHEET FOR STATI umer Commodity ORM-D Chemical Characteristics Range 970°F Heavier than Air /SOLVENT ODOR Explosion Hazard Data	eiling concer EMENT.) - 40°F to 289°F	Specific Gravity (I Melting Point Evaporation Rate	an 8 hour shi	### 1 TEL UE	0.8 NA >1

Section	٧.	Rea	ctivity	Data
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Section V 7.00						
Stability	Unstable		Conditions to Avoid			
	Stable	х	High Temperatures .			-
ncompatibility (M	aterials to Avoid)	The a	l boye solvents are inc	compatible wit	th strong oxidizers.	
			ective metals.			
nazardous Decon	nposition or Byproc	iucts P com	nose to water carbon di	oxide haloge	n acids and phosgene.	
dazardous Polymerization	May Occur		Conditions to Avoid	DALUE. HUIOGO	HOLUS AMA PROSPERIOR	
,	Will not Occur	х	None			
Section VI - Hea	alth Hazard Data					
oute(s) of Entry	1.	Inha	alation? Yes	Skin? Yes	Ingestion? Yes	
lealth Hazards	(Acute and Chronic		narcosis in high vapor concent	ations. Will cause d	efatting of skin.	
					r or kidney damage. The solvents	
	listed have been	reporte	ed to affect the central nervous	system.		
Carcinogenicity	Presently not on	NTP		C Monographs?	OSHA Regulated?	
	, , , , , , , , , , , , , , , , , , , ,					
Signs and Symp	toms of Exposure					
		cultv i	breathing. Skin-redness Inges	tion-vomiting.		
Medical Conditi						
		: Heart	Disease; Respiratory Disorder	S.		
Emergency and	First Aid Procedure Give oxygen • Do		duce vomiting • Gastric lavage •	Wash eyes and skir	n with water.	
			-	-		
Section VII - P	recautions for Safe	e Hanc	lling and Use			
Steps to be Tak	en in Case Materia Use absorbent s			rial. Put into contain	er. Dispose as hazardous waste.	
Waste Disposal	Method		waste in accordance with EPA			
	be Taken in Handlir Keep away from	ng and	Storing sparks, or open flame Store at	emperatures below	120°F.	
Other Precaution	ons When spray	<u>'nng</u>	unre than one half coutively, use NIOSH app	in continuous	y or more	
SectionVIII - C	ontrol Measures			•		
Respiratory Pro	tection (Specify Ty Self contained bre	pe)	apparatus if above TLV limit e	xceeding.		
Ventilation	Local Exhaust		Yes	Special	None	
	Mechanical (Ge	neral)		Other		
Protection Glov	es		None	Eye Protection	None	1
Other Protectiv	None required if			<u> </u>	Vear eye protection	1
*	Long sleeve and		pants			

STATEMENT FOR TM 3165 HIGH GLOSS

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this, statement.

	•					a	•
Stability	Unstable		Conditions to Avoid				
٠,	St able	Х	High Temperatures				•
compatibility (N		ı he	above solvents are 1	ncompati	b e with		
			tible with active n	ætals.			
	mposition or Bypro		in ifire will deco	onpose t	o water, carbon	i	
dioxide,	May Occur	OS CAN	Conditions to Avoid				
olymerization			Conditions to Avoid				
	Will not Occur	×	None				
Section VI • Hea	alth Hazard Data						
Route(s) of Entry	<i>y</i> :	inha	alation? Yes	Skin?	· res	ingestion? Yes	
Health Hazards	(Acute and Chronic		narcosis in highvapor conce	ntrations V	Vill cause defatting of	skin	
			ng term exposure (years) vapo		_		
	listed have been	reporte	d to affect the central nervo	us system.			
,			•	<u> </u>			
Carcinogenicity:	: Presently not on	NTP		ARC Mono	graphs?	OSHA Regul	ated?
	1 recently net en	any no					
Signs and Symp	otoms of Exposure inhalation - Diffi	culty in	breathing. Skin-redness. Irig	gestion-vom	niting.		
Medical Conditi		; Heart	Disease; Respiratory Disord	lers.			
	First Aid Procedur	es			you and akin with water	-	
	Give oxygen - Do	not inc	duce vomiting - Gastric lavage	e • wasn ey	es and skin with water	r.	
Section VII - Pr	ecautions for Saf	e Hand	lling and Use				
	ten in Case Materia		-				
	Use absorbent s		g compound 'to soak up mat	terial. Put i	nto container. Dispose	as hazardous waste.	
Waste Disposal		ardous	waste in accordance with EP	A RCRA			
	be Taken in Handli Keep away from	heat,	sparks, or open flame. Store	at temperat	ures below 120°F.		
Other Precautio	ons When spra	yıng	more than One half utively, use NIOSH	can co	ntinuously or n	nore	•
	ontrol Measures						
Respiratory Pro	tection (Specify Ty	pe)					
Ventilation			apparatus if above TLV limit	exceeding	Special		
			Yes		None	3	
• -	Mechanical (Ge	,	None .		Other None	e 1	7)
Productive Glov	res None required if	spravin	q	Eye Pr	otection, Wear eye p	protection	2
Other otectiv	e Clothing or Equi	pment		ı	· ···cai cye p		—
§ 4	Long sleeve and	long p	pants				

N FPA Rating					
Health	3				
Flammability	4				
Reactivity	1				

MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept of Labor)
Form approved OMB No. 1218-0072
OSHA 174 • Sept 1985

IDENTITY:

Unusual Fire and Explosion Hazards

CLEAR MATTE TM-1415E

Section I								
Manufacturer's Name			Emergency Telepho	ne Number				
Address	Aerosol Systems, Inc.		(216) 467-4195 Telephone Number for Information					
Address	9150 Valley View Road			(2 16) 467-4195				
	Macedonia, OH 44056		Date Prepared		1/26/90			
Marketers name must be	used above per OSHA		Signature of Prepar	er (optional)	÷/ = 0/ 00			
Section II • Hazardous I	ngredients/Identity Informa	tion						
Hazardous Components (S*7inc_Stearate(S	Specific Chemical Identity, Co 555 =05 =1)	ommon Names(s)) OSHA PEL 15mg/m³(dust	ACGIH TLV 10mg/ _m 3(d	STEL ust)	%(optional)		
*1 , 1,1 T	RICHLORETHANE (71-55	- 6)	350	350	450	10		
*TOI UENE	(108 - 88 - 3)		200	100	150	51		
*XYLENE	(1330-20-7)		100	100	150	4		
DIACETON	E ALCOHOL (123-42-Z)		50	50		2		
PROPANE/	ISOBUTANE (74-98-6)		1000	1000	Asphyx	iant 23		
NON- HAZAI	RDOUS ptable ceiling conce le maximum peak abov					8		
(SEE ATT	ACHED SHEET FOR SA	RA TITLE III	NOTIFICATION	AND ADDITIO	NAL health d	ATA.)		
DOT SHIPPING Consum	er Commodity ORM-D							
Section III • Physical/Ch	emical Characteristics							
Boiling Point Ra	ange	40° F t.o 285° F	Specific Gravity (F	120=1)		0.8		
Vapor Pressure PSIG @ 7	0°F	60	Melting Point	Liquid		NA		
Vapor Density (AI R=1)	eavier than Air	4. 0	Evaporation Rate	(Butyl Acetate	= 1)	>ī		
Solubility in Water	, NIL							
Appearance and Odor	CLEAR/SOLVENT ODO	R						
Section IV: Fire and Exp	olosion Hazard Data							
Flash Point (Method Used	-40°F T.C.C.		Flammable Limits		LEL 1.8	UEL 12.0		
ngülshing Media Use	water fog, dry chemical or car	bon dioxide				, M		
Special Fire Fighting Pro	cedures	φ to (5)	- · · · · · · · · · · · · · · · · · · ·			M		
Aer	osol cans may rupture when h	eated				V		

STATEMENT FOR TM 1415E CLEAR MATTE

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold., This statement must remain a, part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.



MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept of Labor')
Form approved OMB No. 1218-0072
OSHA 174 · Sept 1985

NFPA Rating		
Health	3	
Flammability	 4	
Reactivity	1	

IDENTITY:

PORCELAIN SPRAY TM- 3181

Section I					
Manufacturer's Name Aerosol Systems, Inc.		Emergency Telepho	one Number (216) 467-4195		
Address 9150 Valley View Roa	Telephone Number	for Information (216) 467-4195			
Macedonia, OH 44056	6	Date Prepared		25/90	
Marketers name must be used above per OSHA	•	Signature of Prepar			
Section II - Hazardous Ingredients/Identity Infor	rmation				
Hazardous Components (Specific Chemical Identity,	Common Names(s	s)) OSHA PEL 20mppcf	ACGIH TLV 2mg/m³(dus	STEL	optiona) نه 7
*Tol uene (108-88-3)		200	100	150	38
*1,1,1 Trichloroethane (7	1-55- <u>6</u>)	350	350	450	12
Ethyl Acetate (141-78-6)		400	400	500	1
Propane/Isobutane (74-98	(-6)	1000	1000	asphyxi	ent 2
Shift is 500 ppm for 10 m		oluene.	tion for an 8		
(SEE ATTACHED SHEET FOR DOT SHIPPING - Consumer Commodity ORM-D		oluene.			
(SEE ATTACHED SHEET FOR DOT SHIPPING · Consumer Commodity ORM-D Section III · Physical/Chemical Characteristics	STATEMENT.)				
(SEE ATTACHED SHEET FOR DOT SHIPPING · Consumer Commodity ORM-D Section III · Physical/Chemical Characteristics Boiling Point Range		Specific Gravity (I			0.8
(SEE ATTACHED SHEET FOR DOT SHIPPING · Consumer Commodity ORM-D Section III · Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG@ 70'F	STATEMENT.)	Specific Gravity (I			0. 8 N. A.
(SEE ATTACHED SHEET FOR DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range	-40°F t 232°F	Specific Gravity (I	1 2 0 = 1)		
(SEE ATTACHED SHEET FOR DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG@ 70'F Vapor Density (AIR = 1)	-40°F t 232°F	Specific Gravity (I	-12O == 1) Liquid		N. A.
(SEE ATTACHED SHEET FOR DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG@ 70'F Vapor Density (AIR = 1) Heavier than Air Solubility in Water	-40°F t 232°F 50 4.0	Specific Gravity (I Melting Point Evaporation Rate	-12O == 1) Liquid		N. A.
(SEE ATTACHED SHEET FOR DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG@ 70'F Vapor Density (AIR = 1) Heavier than Air Solubility in Water NONE Appearance and Odor	-40°F t 232°F 50 4.0	Specific Gravity (I Melting Point Evaporation Rate	-12O == 1) Liquid		N. A.
(SEE ATTACHED SHEET FOR DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG@ 70'F Vapor Density (AIR = 1) Heavier than Air Solubility in Water NONE Appearance and Odor CLEAR/SOLVENT ODOR Section IV- Fire and Explosion Hazard Data Flash Point (Method Lised)	-40°F t 232°F 50 4.0	Specific Gravity (I Melting Point Evaporation Rate	-12O == 1) Liquid		N. A.
(SEE ATTACHED SHEET FOR DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG@ 70'F Vapor Density (AIR = 1) Heavier than Air Solubility in Water NONE Appearance and Odor CLEAR/SOLVENT ODOR Section IV- Fire and Explosion Hazard Data Flash Point (Method Used) - 40 F 1. C.C.	-40°F t 232°F 50 4.0	Specific Gravity (I Melting Point Evaporation Rate	-12O == 1) Liquid	1)	N. A.
(SEE ATTACHED SHEET FOR DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG@ 70'F Vapor Density (AIR = 1) Heavier than Air Solubility in Water NONE Appearance and Odor CLEAR/SOLVENT ODOR Section IV- Fire and Explosion Hazard Data Flash Point (Method Used) - 40 F 1.C.C.	statement.) -40 f t 232°F 50 4.0	Specific Gravity (I Melting Point Evaporation Rate	-12O == 1) Liquid	1)	N. A.

Section 4. Keac	LIVITY Data				,
Stability	[Unstable		Conditions to Avoid		
	Stable	х	High Temperatures		
ncompatibility (Ma	nterials to Avoid) The mpatible with	abo act	ve solvents are inco ive metals.	ompatible with s	strong oxidizers. Not
	nposition or Bypro		ose to CO2, water, ha	aloqen acids and	nhosaene
Hazardous Folymerization	May Occur	ССОПР	Conditions to Avoid	iloqen acrus and	phosyche
	Will not Occur	х	None		
Section VI - Hea	lth Hazard Data				
Route(s) of Entry	•	Inha	lation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic)		narcosis in high vapor concen	trations Will cause defat	tting of skin.
	-		ng term exposure (years) vapor		
T	listed have been	reporte	ed to affect the Central nervous	System.	
Carcinogenicity	Presently not on	NTP any lis		RC Monographs?	OSHA Regulated?
	-	-			
					_
Signs and Sympt	oms of Exposure		. handling Olimer Income		
	innalation • Diffic	cuity ir	breathing. Skin-redness Inges	stion-vomiting.	
Medical Condition	ons				
			Disease; Respiratory Disorder	S.	
	First Aid Procedure Give oxygen • Do		duce vomitino - Gastric lavaqe	Wash eyes and skin w	ith water.
Section VII - Pr	ecautions for Safe	Hand	lling and Use		
Steps to be Take	en in Case Material Use absorbent s		eased or Spilled: g compound to soak up mater	ial. Put into container. I	Dispose as hazardous waste.
Waste Disposal	Method	-	waste in accordance with EPA		
Precautions to b	e Taken in Handlin	g and			n°F
	s When sprayi	ng m	ore than one halt _ca	n continuously	or more'
	<u>an one can co</u> ontrol Measures		utively, use NIOSH a	pproved respirat	or.
- #	tection (Specify Typ				
	Self contained bre Local Exhaust	athing	apparatus if above TLV limit e		· · · · · · · · · · · · · · · · · · ·
Ventilation (Yes	Special	None
	Mechanical (Ge		None .	Other	None
Protective Glove	es None required if	sprayir	ng	Eye Protection-	ar eye protection

Other Protective Clothing or Equipment Long sleeve and long pants

STATEMENT FOR TM 3181 PORCELAIN SPRAY

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept of Labor)
Form approved OMBNo. 12184072
OSHA 174 • Sept. 1985

NFPA Rating		
Health	3	
Flammability	a	
Reactivity	0	

IDENTITY:

PEARL TM 1509 .

DISTONTIAUED

Suction I					
Manufacturer's Name Aerosol Systems, Inc.		Emergency Telephone Number (216) 467-4 195			
		Telephone Number	for Information		
		Dat e Prepared	216) 467-4195		
Macedonia, OH 44056		_10	/31/89		
Marketers name must be used above per OSHA		Signature of Prepare	er (optional)		
Section II • Hazardous Ingredients/Identity Informat	tion				
Hazardous Components (Specific Chemical Identity, Cor	mmon Names(s	S)) OSHA PEL	ACGIH TL	V STEL	%(optiona
*Acetone (67-64-1)		1000	750	1000	43
*2-Butoxyethanol (111-76-2)		<u> 25(skin)</u> .	25(skj	_ n1	8
*Tol uene (108-88-3)		200	1 0 0	150	88
*Methyl Isobutyl Ketone (108	3-1 0-1)	100	50	75	7
*Xylene (1330-20-7)		100	100	150	3
* Diocty] Phthalate (117 - 8 - 7)		5mg/m3	5mg/m3	10mg/m³	7
Isopropanol (67-63-0)		400	400	500	.1
Propane/Isobutane (74-98-6)		1000	1000	Asphyxi ant	20
Non Hazardous					
					8
(See attached sheet for SAR/	A TITLE II	I Notification	and additi	onal health	
(See attached sheet for SAR/-DOT SHIPPING - Consumer Commodity ORM-D	A TITLE II	I Notification	and additi	onal health	
	A TITLE II	I Notification	and additi	onal health	
-DOT SHIPPING - Consumer Commodity ORM-D				onal health	data.)
-DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point	-40°F to 724°F			onal health	
-DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG @ 70°F Vapor Density (AIR = 1)	-40°F to 724°F 55	Specific Gravity (H	20 = 1)		data.)
-DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG @ 70°F Vapor Density (AIR = 1) Heavier than Air Solubility in Water	-40°F to 724°F	Specific Gravity (H	20 = 1) Liquid		data.)
-DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG @ 70°F Vapor Density (AIR = 1) Heavier than Air Solublity in Water Nil Appearance and Odor	-40°F to 724°F 55	Specific Gravity (H	20 = 1) Liquid		data.)
-DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG @ 70°F Vapor Density (AIR = 1) Heavier than Air Solubility in Water Nil	-40°F to 724°F 55	Specific Gravity (H	20 = 1) Liquid		data.)
-DOT SHIPPING - Consumer Commodity ORM-D Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG @ 70°F Vapor Density (AIR = 1) Heavier than Air Solubility in Water Nil Appearance and Odor Clear/Solvent Odor Section IV - Fire and Explosion Hazard Data Flash Point Method Used)	-40°F to 724°F 55	Specific Gravity (H	20 = 1) Liquid	te = 1)	O.8 NA >1
Section III - Physical/Chemical Characteristics Boiling Point Range Vapor Pressure PSIG @ 70°F Vapor Density (AIR = 1) Heavier than Air Solubility in Water Nil Appearance and Odor Clear/Solvent Odor Section IV - Fire and Explosion Hazard Data	724°F to 724°F 55 4.0	Specific Gravity (H Melting Point Evaporation Rate Flammable Limits	20 = 1) Liquid	re = 1)	0.8 NA >1

24011011 4 - 11040	www.y Data					. '	
Stability	Unstable		Conditions to Avoid				
	Stable	х	High Temperatures				
Incompatibility (M	laterials to Avoid)						
Hazardous Decor	nposition or Bypro		above solvents are in	ıconpa	tible with str	ong oxidizers.	_
11625.000			fire will decompose to	carb	on dioxide and	water.	
Hazardous Polymerization	May Occur		Conditions to Avoid				
	Will not Occur	х	None				
Section VI - Hea	alth Hazard Data						
Route(s) of Entry	<i>/</i> :	Inha	llation? Yes	Skin? Y	'es	Ingestion? Yes	
Health Hazards	(Acute and Chronic		narcosis in high vapor concent	rations	Will cause defatting of	f skin	
			ng term exposure(years) vapor r				
			d to affect the central nervous		-		
-							
Carcinogenicity		NTP	? IARO	C Mono	graphs?	OSHA Regulated?	
n;	octyl Phthal:	ata i	s a suspected carcino	ngen.			
	octyl Inchair	ace i	s a suspected curtino	ygen.			
Signs and Symp	toms of Exposure		- handhina Okin adam Inan	·!			
	innalation • Diffi	cuity II	breathing. Skin-redness Inges	tion-von	niting.		
Medical Conditi							
			Disease; Respiratory Disorders	S			
	First Aid Procedure Give oxygen - Do	not inc	luce vomiting - Gastric lavage -	Wash ev	es and skin with water	er.	
Section ∨II • P	recautions for Saf	e Hand	lling and Use				
Steps to be Tak	en in Case Material	is Rele	eased or Spilled: g compound to soak up materi	al Put in	nto container Disnose	as hazardous waste	
Waste Disposal	Method	•	waste in accordance with EPA		no containen Diopece	ao nasaraone master	
Precautions to I	0.0000		Storing sparks, or open flame. Store at				
Other Precaution	ons When spray	neat, s	sparks, or open flame. Store at the call that call the call that call the c	tempera	tinuously or m	Dre	
<u> </u>	an one can cor	rsecui	tively, use NIOSH appr	oved-	respi rator.		
SectionVIII C	ontrol Measures		- ****				
Respiratory Pro	tection (Specify Ty Self contained bre	pe) eathing	apparatus if above TLV limit ex	ceeding,	No.		
itllatio	Local Exhaust		Yes		Special		
. ,	Mechanical (Ge		100		Non Other	· VA	
Drestanting Of		No	ne ··		Non Non	le La	
	None required if		ng ,	⊨ye F	Protection . Wear eye	protection	
Other Protective	e Clothing or Equip Long sleeve and		pants				

ATTACHMENT FOR TM 1509 - PEARL

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

The acceptable ceiling concentration for toluene is 300 ppm Acceptable maximum peak above the acceptable ceiling concentration for an 8 hour shift is 500 ppm for 10 minutes for toluene.



May be used to comply with OSHA's Hazard Communication Standard, 29 CFA 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. IDENTITY (As Used on Label and List) Gare SY-MIXIT and SY-Shade It Section Emergency Telephone Number Manufacturer's Name Regional Posion Control Center - Poisondex System Gare, Inc Telephone Number for Information Address (Number, Street, City, stare, and ZIP Code) 508-373-9131 165 Rosemont Street Date Prepared June 1989 Haverhill, MA 01831 Signature of Preparer (optional) Section II - Hazardous Ingredients/Identity Information Other Limits **OSHA PEL ACGIH TLV** Recommended % (optional) Hazardous Components (Specific Chemical Identity; Common Name(s))



MEALTH LABELING
CONFORMS TO ASTN DIESS
CENTIFIED BY
ART & CRAFT MATERIALS RISTITUTE
BOSTON 12716

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, inc. are certified in a program of toxicological **evaluation** by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause **acute or** chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are **retrified** by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III — Physical/Chemical Cha	racteristics			
Boiling Point L. Water	212°F	Specific Gravity (H ₂ O = 1)		
Vapor Pressure (mm Hg.)	N/A	Melting Point		above 1000°
Vapor Density (AIR = 1)	Ν/A .	Evaporation Rate (Butyl Acetate = 1)		as water
Solubility in Water Essentially insolu	ble			
Appearance and Odor Clear or red l	iquid, practio	cally odorless.		
Section IV — Fire and Explosion Haz	ard Data			
Flash Point (Method used) Will not burn		lammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media			•	
Not combustible.	This is a w	ater based product.		
Special Fire Fighting Procedures None				

Unusual fire and Explosion Hazards

None



OSHA 174, Sept. 1985

(Reproduce locally)

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



IDENTITY (As used on Label and List) Sahara Stone and Stonewashed glazes SSG and SWG 7100 series.

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section! Gem Stones GS-7200 Series

Manufacturer's Name .	Emergency Telephone Number
Gare. Inc.'	"Regional Poison Control Center-Poisondex System
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for information
165 Rosemont Street	508-373-9131
Haverhill, MA 01830	Date Prepared June 1989
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

			Other Limits	
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended	% (optional)



HEALTH LABELING
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ART & CRAFT INCTERIALS PISTITUTE
BOSTON 0216

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Section III — Physical/Chemical Characteristics

Boiling Point Water	212 0 F	Specific Gravity (H ₂ O = 1)	1.3-1.5
Vapor Pressure (mm Hg.)		Melting Point	
	N/A		above 1000°
vapor Density (AIR = 1)	_	Evaporation Rate	
	N/A	(Butyl Acetate = 1)	as water

Sofubility in Water

Essentially insoluble.

Appearance and Odor

Colored liquid, pactically odorless.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Will not burn.	Flammable Limits N/A	N/A	UEL N/A
Extinguishing Media Not combustible. This is a wat	er based product.		

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards
None

OSHA 174, Sept. 1985

(Reproduce locally)

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

OMB No. 1218-0072

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved



IDENTITY (As Used on Label and List)

Gare SY - WAX Resist

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name	Emergency Telephone Number
Gare, Inc.	Regional Poison Control Center - Poisondex System
Address (Number, Street, City, Stale, and ZIP Code)	Telephone Number for Information
165 Rosemont Street	508-373-9131
Haverhill, MA 10831	Date Prepared. June 1989
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

			Other Limits	
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIHTLV	Recommended	% (optional)



MEALTH LABELING
CONFORMS TO ASTM DAZIS
CERTIFIED BY
ART & CRAFT MATERIALS INSTITUTE
BOSTON 0216

Products bearing the AP Approved Product Seal of The Art and Craft **Materials** Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III - Physical/Chemical Cha	racteristics		
Boiling Point Water	212°F	Specific Gravity (H ₂ O = 1)	0.96
Vapor Pressure (mm Hg.)	N/A	Melting Point	120 - 135°F
Vapor Density (AIR = 1)		Evaporation Rate	
	N/A	(Butyl Acetate = 1)	as water
Solubility in Water			

Completely dispersible.

Appearance and Odor

Tan liquid, medicinal odor.

Section IV — Fire and Explosion Hazard Data	Section	IV		Fire	and	Explo	sion	Hazard	Data
---	---------	----	--	------	-----	-------	------	--------	------

Extinguishing Media				
Will not burn.	N/A	ĬŇ/A	N/A	

Extinguishing Media

Not combustible. This is a water based product.

Special Fire Fighting Procedures

Upusual Fire and Explosion Hazards
None

(Reproduce locally) OSHA 174, Sept. 1985

May be used '10 comply with **OSHA's Hazard Communication Standard,** 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



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IDENTITY (As Used on Label and List)

Gare Glazes KG701, KG4020, SY-7020, SY-7027

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

Section IGG-7125, SY-7162, GG-7179, SY-DRIF	PIT, PSG-7196 SS7207-15 GG E8 5
Manufacturer's Name Gare, Inc.	Emergency Telephone Number Regional Poison Control Center-Poisondex System
Address (Number, Street, City, State, and ZIP Code) 165 Rosemont Street	Telephone Number for Information 508-373-9131
Haverhill, MA 01830	Date Prepared June 1989
	Signature of Preparer (optional)
Section II — Hazardous Ingredients/Identity Infomration	
Hazardous Components (Specific Chemical Identity; Common Name(s))	Other Limits OSHA PEL ACGIHTLV Recommended % (optional)



Fire and Explosion Hazards

(Reproduce locally)

None

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certi tied in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III — Physical/Chemical Cha	racteristics			
Boiling Point	212°F	Specific Gravity (H ₂ O = 1)		1.3 - 1.7
Water /apor Pressure (mm Hg.)	. N/A	Melting Point		above 1000
/apor Density (AIR ≖1)	N/A	Evaporation Rate (Butyl Acetate = 1)		as water
Solubility in Water Essentially insol	luble			
Appearance and Odor White or color	red liquid, pr	ractically odorless.		
Section IV - Fire and Explosion Ha	zard Data			
Flash Point (Method Used) Will not bu	cn.	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Not combustible	. This is a	water based product.	•	•
Special Fire Fighting Procedures				

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

ACGIH TLV

Recommended



% (optional)

Note: Blank spaces am not permitted. If any item is not applicable, or no information IS available, the space must be marked to indicate that. IDENTITY (As Used on Label and List)
Gare acrylic stains AS-6000, 6100, **6200** Series and SY No Fire Snow - Water based products Manufacturer's Name **Emergency Telephone Number** Gare, Inc. Regional Poison Control Center-Poisondex System Telephone Number or Information 508–373–9131 Address (Number, Street, City, State, and ZIP Code) 165 Rosemont Street **Date Prepared** Haverhill, MA 01830 June 1989 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits



HEALTH LABELING
COMPORMS TO ASTM DIAZIS
CENTIFIED BY
8 CRAFT MATERIALS DISTITUTE
BOSTON BOTHS

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to **be** toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

OSHA PEL

Section III - Physical/Chemical Cl	naracteristics		
Boiling Point Water	212 ² F	Specific Gravity (H ₂ O = 1)	1.2-1.3
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR ≈ 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	as water

Solubility in Water

Essentially insoluble

Hazardous Components (Specific Chemical Identity; Common Name(s))

Appearance and Odor Colored acrylic paint, mild odor.

Section	IV/	 Eiro	and	Evn	امونما	n Ha-	ard	Data
Section	Iν	 rire	anu		IOSIOI	ппал	zaru	Data

Flash Point (Method Used) Will not burn.	No.	Flammable Limits N/A	r /A	UEL N/A
Extinguishing edia _	mled as decreased a	1 .		

Not comp ustible. This is a water based product.

None

Special fire Fghting Procedures

and Explosion Hazards

None



May 'be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910. 1200. Standard must be consulted for specific requirements.

Hazardous Components (Specific Chemical Identity; Common Name(s))

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMP No. 1218-0072

ACGIH NV

Other Limits

Recommended



% (optional)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. IDENTITY (As Used on Label and List) Gare Pearl, Cultured Pearl and Golden Cultured Series and MS6037 (except CPS6120) CPS and GCPS 6100 Pearl. Stains. PS, Emergency Telephone Number Manufacturer's Name Gare, Inc. Regional Poison Control Center-Poisondex-System Address (Number, Street, City, State, and ZIP Code) Telephone Number for Information 508-373-9131 165 Rosemont Street Date Prepared June 1989 Haverhill, MA 01830 Signature of Preparer (optional) Section II - Hazardous Ingredients/Identity Information



MEALTH LABELING
CONFORMS TO ASTM DAZIS
CENTIFIED BY
ART & CRAFT MATERIALS INSTITUTE
BOSTON 02116

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM U-4236.

OSHA PEL

Section III - Physical/Chemical Ch	naracteristics		
Boiling Point Water	212°F	Specific Gravity (H ₂ O = 1)	1.1
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	as water
Solubility in Water Essentially in	soluble		
Appearance and odor Colored acr	ylic paint, mi	ld odor.	
Section IV — Fire and Explosion H	azard Data		
Fbsh Point (Method Used) Will not b	urn.	Flammable Limits N/A "	N/A UEL N/A
Extinguishing Media	e. This is a	water based product.	
Not combustible			

(Reproduce locally)

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration

(Non-Mandatory Form) Form Approved OMB No. 1218-0072



Note: Blank spaces are not permitted. If any item is not applicable, or no IDENTITY (As Used on Label and List) information is available, the space must be marked to indicate that Gare translucent stains TS-6000series

Section I

Manufacturer's Name	Emergency Telephone Number
Gare, Inc.	Regional Poison Control Center-Poisondex System
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information
165 Rosemont Street	508-373-9131
	Date Prepared
Haverhill, MA 01830	June 1,989
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Other Limits **ACGIH TLV** OSHA PEL % (optional) Hazardous Components (Specific Chemical Identity, Common Name(s)) @commended



Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are **certified** in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products arc certified by the Institute to be labeled-in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III —	Physical/Chemical	Characteristics
---------------	-------------------	-----------------

Boiling Point	1	Specific Gravity (H ₂ O = 1)	
Water	212°F		1.1
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)		Evaporation Rate	•
	N/A	(Butyl Acetate = 1)	_I as water
A			

Solubility in Water

Essentially insoluble

Appearance and Odor Colored acrylic paint, mild odor.

Not combustible.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Will not burn	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media			

This is a water based product.

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None



U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



MS6046 Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. IDENTITY (As Used on Label and List) GARE Metalic Stains-MS6038, MS6040, Section I Manufacturer's Name **Emergency Telephone Number** System Regional **Poison Control Ctr** Poisondex GARE INC Telephone Number for Information Address (Number, Street, City, State, and UP Code) 508-373-9131 165 Rosemont St Date Prepared Haverhill, MA 01831 June 1992 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits Recommended Hazardous Components (Specific Chemical Identity; Common Name(s)) **OSHA PEL** ACGIH nv % (optional) 1.mq/m³ .mq/m³ CAS # 7440-50-8 Copper, May be harmful if swallowed. cause anemia Warning: Exposure may Contains: Soluble copper Wash hands immediately after use. Avoid. Precautions: ingestion. Not for use by Children For further health information contact a poison control center. Products bearing the **HL/CR** Health Label/Cautions Required Seal of The Art and Craft LA CRAFT MATE Materials Institute, Inc. are certified to be properly labeled in a program of toxicological evaluation by a medical expert. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236. Section III — Physical/Chemical Characteristics **Boiling Point** Specific Gravity (H₂O = 1) 212^OF 1.1-1.2 water Vapor Pressure (mm Hg.) Melting Point N/A N/A Vapor Density (AIR = 1) Evaporation Rate (Butyl Acetate = 1) N/A <u>as water</u> Solubility in Water Paint is essentially insoluble. Metal flake contains soluble copper. Appearance and Odor Colored liquid, mild paint odor. Section IV — Fire and Explosion Hazard Data Flash Point (Method Used) Flammable Limits LEL **UEL** N/A N/A N/AWill not burn Extinguishing Media · · This is a water-based product. Not combustible. Special Fire Fighting Procedures

UnusultiFire and Explosion Hazards

Fire and Explosion Hazards

None

U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



DENTITY (As Used on Label and List) Color Was Golden Sparkles CWS-G300 Ser.	ies	Note: Blank spac information	•		
Section I	CPS6120				
Manufacturer's Name		Emergency Telep	hone Number Reg	gional Pois	on Contro
Gare Incorporated		Center	 Poisond per for Information 	ex System	
ddress (Number, Street, City, State, and ZIP Code) 165 Rosemont Street		(508)	373-9131		
		Date Prepared	3,3,131		
Haverhill, MA 01830.			ry 1992		
		signature of Pre	eparer (optional)		
Section II — Hazardous Ingredients/Identity	/ Information			Other Limite	
tazardous Components (Specific Chemical Identity; Comm	non Name(s))	OSHA PEL	ACGIH nv	Other Limits Recommended	% (optional)
Copper CAS# 7440-50-8 Dust			g/m3 1 mg		
Warning: May he harmful if	swallow	ed. Expo	sure may ca	use anemia	•
Contains: Soluble copper.					
Precautions: Avoid ingesti	on. Wash	n hands i m	mediately a	fter use.	Not for
			tion contac		
center.	ici iicaic	ii iiiioiiia	eron concac	a poinor	CONCLOS
0011001					
	, Inc. are cer	tified to be pro	perly labeled in a	program of toxic	ological
Materials Institute, evaluation by a medical expert. Advisory Board. These prowith the voluntary chronic learning. Section III — Physical/Chemical Characterists	, Inc. are cer . This program ducts are ce hazard label	rtified to be promise reviewed to the retified by the ring standard A	operly labeled in a by the Institu Institute to be l ASTM D-4236.	program of toxicate's Toxico	ological logical
Materials Institute, evaluation by a medical expert. Advisory Board. These pro	, Inc. are cer . This program ducts are ce hazard label	tified to be promise reviewed by the	operly labeled in a by the Institu Institute to be l ASTM D-4236.	program of toxicate's Toxico	ological logical
Materials Institute, evaluation by a medical expert. Advisory Board. These prowith the voluntary chronic has been promoted by the property of	, Inc. are cer . This program oducts are ce hazard label stics	rtified to be promise reviewed to the retified by the ring standard A	operly labeled in a by the Institu Institute to be l ASTM D-4236.	program of toxicate's Toxico	ological logical rdance
Materials Institute, evaluation by a medical expert. Advisory Board. These prowith the voluntary chronic but the voluntary chronic but the promote that the property of the pr	, Inc. are cer. This program ducts are cer. hazard label	rtified to be prom is reviewed brified by the ing standard A	operly labeled in a by the Institute to be lastInstitute to be las	program of toxicate's Toxico	ological logical rdance
Materials Institute, evaluation by a medical expert. Advisory Board. These prowith the voluntary chronic has been been been been been been been bee	, Inc. are cer. This program ducts are ce hazard label stics 212°F N/A N/A	rtified to be prom is reviewed in the standard A Specific Gravity Metting Point Evaporation Rate (Butyl Acetate =	operly labeled in a by the Institute to be lastInstitute to be las	program of toxico	ological logical rdance 1.1 N/A As Wate:
Materials Institute, evaluation by a medical expert. Advisory Board. These prowith the voluntary chronic has been been been been been been been bee	, Inc. are cer. This program ducts are cer. this program ducts are cer. the stics 212°F N/A N/A	specific Gravity Metting Point Evaporation Rate (Butyl Acetate =	operly labeled in a by the Institute to be lastInstitute to be las	program of toxico	ological logical rdance 1.1 N/A As Wate:
Materials Institute, evaluation by a medical expert. Advisory Board. These prowith the voluntary chronic has been been been been been been been bee	, Inc. are cer. This program ducts are cer. The second ducts are	specific Gravity Metting Point Evaporation Rate (Butyl Acetate =	operly labeled in a by the Institute to be lastInstitute to be las	program of toxico	ological logical rdance 1.1 N/A As Wate:
Materials Institute, evaluation by a medical expert. Advisory Board. These prowith the voluntary chronic has been been been been been been been bee	, Inc. are cer. This program ducts are cert. This p	specific Gravity Metting Point Evaporation Rate (Butyl Acetate =	operly labeled in a by the Institute to be lastitute to be last D-4236. (H ₂ O = 1) Paint is ess	program of toxico ate's Toxico labeled in accordance in ac	ological logical rdance 1.1 N/A As Wate:
Materials Institute, evaluation by a medical expert. Advisory Board. These prowith the voluntary chronic has been been been been been been been bee	, Inc. are cer. This program ducts are cer. This program ducts are cer. A series of the cer. This program ducts are cer. This program ducts are cer. The cer	statified to be prom is reviewed in strified by the ing standard A Specific Gravity Metting Point Evaporation Rate (Butyl Acetate = per. P	operly labeled in a by the Institute to be Ins	program of toxico ate's Toxico labeled in accordance abeled in accordance are also be	ological logical rdance 1.1 N/A As Wate

Hazardous Components (Specific Chemical Identity; Common Name(s))

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)

ACGIH TLV

Recommended





% (optional)

IDENTITY (As Used on Label and List)
SY 4437 Krakkle-It Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. Section I Emergency Telephone Number Manufacturer's Name egional Poison Control-Poisondex System Gare, Inc. Telephone Number for Information Address (Number, Street, City, State, and ZIP Code) 508-373-9131 165 Rosemont Street Date Prepared January 1990 Haverhill, MA 10830 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits



HEALTH LABELING
COMPORIS TO ASTH DAZIS
CERTIFED BY
ART & CRAFT MATERIALS INSTITUTE
BOSTON 12716

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

OSHA PEL

Boiling Point Water	212° F	Specific Gravity (H ₂ O = 1)	1.1
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	as water
Solubility in Water Essentially	soluble		
Appearance and Odor Amber Liquid,	mild musty odo	·	
Section IV - Fire and Explosion F	lazard Data		
Flash Point (Method Used)		Flammable Limits N/A LELN/A	UEL _{N/A}
Will not burn		-	•
		water based product.	
Extinguishing Media	le: This is a	water based product.	

(Reproduce Incally) OSH A 174 Sent 1095

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
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OMB No. 1218-0072



IDENTITY (As Used on Label and List) Gare SY-Texture Powder	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
Section I	
Manufacturer's Name	Emergency Telephone Number
Gare, Inc.	Regional Poison Control Center-Poisondex System
Address (Number, Street, City, Stale. and ZIP Code)	Telephone Number for Information
165 Rosemont Street	508-373-9131
Haverhill, MA 01831	Date Prepared June 1989
	Signature of Preparer (optional)
Section II — Hazardous Ingredients/Identity Information	1
Hazardous Components (Specific Chemical Identity: Common Name(s))	Other Limits OSHA PEL ACGIH TLV Recommended % (optional)



HEALTH LABELING
COMPONIS TO ASTM DIZZE
CERTIFIED BY
ART & CRAFT MATERIALS INSTITUTE
SOSTON 0216

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

oiling Point				
9	N/A	Specific Gravity (H ₂ O = 1)		2.6-2.8
apor Pressure (mm Hg.)	N/A	Metting Point		N/A
/apor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)		N/A
Solubility in Water Essentially insol	luble.			
Oppearance and Odor White powder, no	odor.			
Section IV — Fire and Explosion Hazar	d Data			
Flash Point (Method Used) Will not burn.	w .	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Not combustible	e	~ ~ ~	e was a fi	
Special Fire Fighting Procedures None				

(Reproduce locally) OSHA 174, Sept. 1985

None

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Hazardous Components (Specific Chemical Identity; Common Name(s))

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218–0072

ACGIH TLV

Recommended



% (optional)

Note: Blank spaces are not permitted. If any item is not applicable, or no IDENTITY (As Used on Label and List) information is available, the space must be marked to indicate that. Gare SY-FIXALL Section I Emergency Telephone Number Manufacturer's Name Regional Poison Control Center-Poisondex System Address (Number, Street, City, State_and ZIP Code) 165 Rosemont Street **Telephone Number** for **Information** 508-373-9131 Date Prepared Haverhill, MA 01830 1989 June Signature of Preparer (optional) Section II - Hazardous Ingredients/Identity Information Other Limits



HEALTH LABELING
CONFORMS TO ASTM D4236
CENTERED BY
ART & CRAFT MATERIALS INSTITUTE
BOSTON 02146

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, **Inc.** are certified in a program of toxicological **evaluation** by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard. labeling standard ASTM D-4236.

OSHA PEL

	haracteristics			
Boiling Point Water	212°F	Specific Gravity (H ₂ O = 1)		1.4
Vapor Pressure (mm Hg.)	N/A	Melting Point		above 1000
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)		as water
Solubilily in Water Essentially inso	oluble			
Appearance and Odor Light brown, p	ractically odorl	Less.		
Outline D/ Fine and Fundacion H	lazard Data			
Section IV — Fire and Explosion H		Flammable Limits'	LEL	UEL
•	rn.	N/A	N / A	N/A
Flash Point (Method Used) Will not bu		N/A ater based product.	N / A	N/A

(Reproduce locally) OSHA 174, Sept. 1985

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

ACGIH TLV

Other Limits

Recommended



% (optional)

Note: Blank spaces are not permitted. If any item is not applicable, or no IDENTITY (As Used on Label and List) information is available, the space must be marked to indicate that. Gare SY-HI-LO Section I Emergency Telephone Number Manufacturer's Name Regional Poison Control Center-Poisondex System Gare. Inc Address (Number, Street, City, State, and ZIP Code) 165 Rosemont Street Telephone Number for Information m-373-9131 Date Prepared MA 01831 1989 Haverhill, u n e signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information



MEALTH LABELING
CONFORMS TO ASTM DIZES
CENTIFED BY
ART & CRAFT MATERIALS PISTITUTE
BOOTTON (27%

Products bearing the **AP** Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no **materials** in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the **Institute's** Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

OSHA PEL

Section III — Physical/Chemical Characteristics					
Boiling Point Water	212 ⁶ F	Specific Gravity (H ₂ O = 1)	11.2		
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A		
Vapor Density (AIR ≈ 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	as water		

Solubility in Wafer

Emulsion. in solution.

Hazardous Components (Specific Chemical Identity: Common Name(s))

Appearance and Odor

Milky white, slight ammonia odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) - Flammable Limits - LEL UEL N/A N/A N/A

Extinguishing Media Not combustible. This is a water based product:

Wear self-contained breathing apparatus approved by MSHA/NIOSH.



nusual Fire and Explosion Hazards

Material can splatter above 212°F. Polymer film can burn.'

(Reproduce locally) OSHA 174. Sept. 1985

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.~200. Standard must be consulted for specific requirements.

Fire Fighting Procedures

Unusual Fire and Explosion Hazards

None

None-

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



consulted for specific requirements. OMB No. 1218-0072 Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. IDENTITY (As Used on Label and List) Gare SY-THICK-N-ETCH Section I Emergency Telephone Number Manufacturer's Name Regional Poison Control Center-Poisondex Systems Care,:-Inc Address (Number, Street, City, State, and ZIP Code)
165 Rosemont Street Telephone Number for Information 508-373-9131 Date Prepared Haverhill, MA 01831 June 1989 Signature of Preparer (optional) Section II - Hazardous Ingredients/Identity Information Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) **OSHA PEL ACGIH TLV** Recommended % (optional) NDA* 50. CAS# 77-92-9 NDA* Citric Acid * No data available. Products bearing the **HL/CR** Health Label/Cautions Required Seal of The Art and Craft S & CRUFT MATER Materials Institute, Inc. are certified to be properly labeled in a program of toxicological evaluation by a medical expert. This program is reviewed by the **Institute's** Toxicological Advisory Board. These products are **certified** by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236. Section III — Physical/Chemical Characteristics Boiling Point Specific Gravity (H₂O = 1) 212°F 1.2 Water Vapor Pressure (mm Hg.) **Melting Point** N/A N/A Vapor Density (AIR = 1) Evaporation Rate N/A as water (Butyl Acetate = 1) Solubility in Water In solution. Appearance and Odor Clear liquid, practically odorless. Section IV — fire and Explosion Hazard Data Flash Point (Method Used) Flammable Limits N/A N/A N/AWill not burn= **Extinguishing Media** combustible. This is-a-water--based product.

(Penndure Incelly)

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 12184072



IDENTITY (As Used on Label and List) Note: Blank spaces am not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that, Finger metallics and pastel chalks

Section I

Manufacturer's Name	Emergency Telephone Number.
Gare. Inc.	Regional Poison Control Center-Poisondex System
Address (Number, Street, City, State. and ZIP Code) 165 Rosemont Street	Telephone Number for Information 508–373–9131
Haverhill, MA 01831	Date Prepared June, 1989
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Other Limits **OSHA PEL ACGIH TLV** Hazardous Components (Specific Chemical Identity; Common Name(s)) Recommended % (optional)



Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Instit ute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III -	Physica	I/Chemical	Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	120°F
Vapor Density (AIR = 1)	N7A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

Essentially insoluble

Appearance and Odor

Colored wax or chalk, practically odorless.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)		Flammable Limits	LEL	UEL
,	N/A	N/A	N/A	N/A
Gtinguishing Media	N/A			

Special Fire Fighting Procedures

None

None

usual Fire and Explosion Hazards

OSHA 174, Sept. 1985 (Reproduce locally)

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OMB No. 1218-0072



Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
Emergency Telephone Number	
Regional Poison Control Center-Poisondex System	
Telephone Number for Information	
508-373-9131	
Date Prepared June 1989	
Signature of Preparer (optional)	

Hazardous Components (Specific Chemical identity; Common Name(s))

OSHA PEL

ACGIHTLV

Recommended

(optional)



HEALTH LABELING
COMPORMS TO ASTM DAZM
CENTIFIED BY
ART & CRAFT MATERIALS PISTITUTE
BOSTON 02116

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert **to** contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III - Physical/Chemical Cha	racteristics			
Boiling Point Water	212°F	Specific Gravity (H ₂ O = 1)		1.78
Vapor Pressure (mm Hg.)	N/A	Melting Point		above 1000
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)		as water
Solubility in Water Essentially inso	luble			
Appearance and Odor Light brown, sli	ght earthy odo	or.		
Section IV — Fire and Explosion Haz	ard Data			
Flash Point (Method Used) Will not bu	rn.	Flammable Limits N/A	LEL N/A-'	UEL N/A
Extinguishing Media Not combustible.	This is a wa	ater based product.	,	
Special fire Fighting Procedures				

(Reproduce locally) OSHA 174. Sept. 1985

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)



Form Approved consulted for specific requirements. OM8 No. 1218-0072 Note: Blank spaces are not permitted. If any item is not applicable, or no IDENTITY (As used on Label and List)

Gare Magic Dust	information is available, the space must be marked to indicate that.			
Section I				
Manutacturer's Name Gare, Ínc.	Emergency Telephone Number . Regional Poison Control Center-Poisondex-System			
Address (Number. Street, City, State, and ZIP Code)	Telephone Number for Information			
165 Rosemont Street	508-373-913 <u>1</u>			
Haverhill, MA 01831	Date Prepared July 1989 9			
	Signature of Preparer (optional)			
Section II — Hazardous Ingredients/Identity Information	 n			
Hazardous Components (Specific Chemical Identity; Common Name(s))	Other Limits Recommended % (optional)			
Crushed Ceramic Glass				
Ph.				
Products bearing the HL/CR Health I	Label/Cautions Required Seal of The Art and Craft			



Materials Institute, Inc. are certified to be properly labeled in a program of toxicological evaluation by a medical expert. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance

Section III — Physical/Chemical Char		Charitia Cravity (U.O4)			
Boiling Point	n/a	Specific Gravity (H ₂ O = 1)			2.5
Vapor Pressure (mm Hg.)	N/A	Melting Point			over 1000°
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)			N/A
Solubility in Water					
Essentially insolu	ble.				
Appearance and Odor					
Granular, Clear G	lass				
Granular, Clear G					
Granular, Clear G Section IV — Fire and Explosion Haz	ard Data	Flammable Limits	/A	LEL N/A	UEL N/A
Granular, Clear G Section IV — Fire and Explosion Haz Flash Point (Method Used) Will not but Extinguishing Media	rn.	Flammable Limits N	/A	LIEI	UEL N/A
Granular, Clear G Section IV — Fire and Explosion Haz Flash Point (Method Used) Will not but Extinguishing Media Not combustible	rn.	Flammable Limits	/A	LIEI	UEL N/A
Granular, Clear G Section IV — Fire and Explosion Haz Flash Point (Method Used) Will not but Extinguishing Media Not combustible	rn.	Flammable Limits N	/A	LIEI	UEL N/A
Granular, Clear G Section IV — Fire and Explosion Haz Flash Point (Method Used) Will not but Extinguishing Media Not combustible Special Fire Fighting Procedures	rn.	Flammable Limits N	/A	LIEI	UEL N/A

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)

Form Approved OMB No. 1218-0072



Note: Blank spaces at-e not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. IDENTITY (As Used on Label and List) Gare underglazes UG-2100 series See otther data sheets fadditional information. underglazes that require different or Section I **Emergency Telephone Number** Manufacturer's+Name Gare, Inc. Regional Poison Control Center-Poisondex System Address (Number, Street City, State, and ZIP Code) 165 Rosemont Street Telephone Number for Information 508–373–9131 Dare Prepared June 1989 Haverhill, MA 01830 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits **ACGIH TLV** Hazardous Components (Specific Chemical Identity: Common Name(s)) **OSHA PEL** Recommended % (optional)



Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Instit ute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III — Physical/Chemical Characteristics					
Boiling Point Water	212°F	Specific Gravity (H ₂ O = 1)	1.3-1.5		
/apor Pressure (mm Hg.)	N/A	Melting Point	above 1000		
/apor Density (AIR = 1)	N/A	Evaporalion Rate (Butyl Acetate = 1)	as water		
Solubility in Waler Essentially insoluble.	·		<u> </u>		

Flash Point (Method Used) Flammable Limits N/A N/A N/A Will not burn

Extinguishing Media

This is a water based product Not combustible

None

Special Fire Fighting Procedures

and Explosion Hazards None Unusual Fire



OSHA 174, Sept. 1985 (Reproduce locally)

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List) Gare Underglazes
UG-3179.2181

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section | See other data sheets for underglazes that require different or additional information

ntrol-Poisondex System rmation
rmation
onal)

Section II -- Hazardous Ingredients/Identity Information

Hazardous C	Components	(Specific Chemical Identity;	Common Name(s))	OSHAPEL	ACGIH NV	Other Limits Recommended	% (optional)
Lea	ad (CAS# 1317-36-8		0.05 mg/m^3	0.15 mg/s	_m 3 (0.19 - 0.6
Cadmium	n (CAS# 1306-19-0	0.2	TWA*-0.6 mg/m^3	ceiling (0.05 mg/m 3 0.	04 - 0.22
							_

*Time weighted average



Products bearing the **HL/CR** Health Label/Cautions Required Seal of The Art and Craft Materials Institute, Inc. are certified to be properly labeled in a program of **toxicological** evaluation by a medical **expert**. This program is reviewed by the Institute's Toxicological Advisory Board. These products are **certified** by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III - Physical/Chemical Characteristics

Boiling Point Water	212° F	Specific Gravity (H ₂ O = 1)	1.3 - 1.5
Vapor Pressure (mm Hg.)	N/A	Metting Point	above 1000°F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	as water

Solubility in Waler

Essentially insoluble

None

Appearance and Odor

Colored liquid, practically oderless.

Section IV - Fire and Explosion Hazard Data

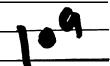
Flash Point (Method Used) " Will not burn.	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media			

ו

Not combustible. This is a water based product.

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards



(Reproduce locally) OSHA 174, Sept. 1985

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on label and List)

Gare-Tiques GT-6200 Series

Note: Blank spaces are not permitted. If any hem is nor applicable, or no information is available, the space must be marked to indicate that.

Sec	ction	- 1	_	

Manufacturer's Name	Emergency Telephone Number
Gare. Inc.	Regional Poison Control Center-Poisondex System
Address (Number, Street. City, State. and ZIP Code)	Telephone Number for Information
165 Rosemont Street	508-373-9131
Haverhill, MA 01830	June 1989
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

			Other Limils	
Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Recommended	% (optional)



HEALTH LABELING
COMPORMS TO ASTM DAZIS
CERTIFED BY
ART & CRAFT MATERIALS RISTITUTE
BOSTON 0216

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section	111	Physical/Chemical	Characteristics
Section	III	PHVSICAL/CHEIIIICAL	Characteristics

Boiling Point Water	212°F	Specific Gravity (H ₂ O = 1)	1.1-1.2
Vapor Pressure (mm Hg.)	N/A	Melting Pant	above 1000°F
Vapor Densily (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	as water

Solubility in Water

Essentially insoluble

None

Appearance and Odor

Colored liquid, practically odorless.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) will not burn	Flammable Limits N/A	LEL N/A UEL N/A
Extinguishing Media Not combustible. This is a water	er based product.	

Special Fire Fighting Procedures

Unusual File Land Explosion Hazards
None



May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Hazardous Components (Specific Chemical Identity; Common Name(s))

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072

ACGIH TLV

Recommended



% (optional)

IDENTITY (As Used on Label and List)
Gare Translucent One-Strokes TOS-2200 serie Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. See other data sheets additional information one that require different **Emergency Telephone Number** Manufacturer's Name Regional Poison Control Center-Poisondex Systems Gare, Inc. Address (Number. Street, City, State, and ZIP Code) Telephone Number for Information 508-373-9131 165 Rosemont Street Date Prepared June 1989 Haverhill, MA 01830 Signature of Preparer (optional) Section I! — Hazardous Ingredients/Identity Information Other Limits



NEALTH LABELING CONFORMS TO ASTM D4236 CERTIFIED BY ART & CRAFT MATERIALS INSTITUTE BOSTON 02716 Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sul'ficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

OSHA PEL

oiling Point Water	212°F	Specific Gravity (H ₂ O = 1)		1.4-1.5
apor Pressure (mm Hg.)	N/A	Melting Point		above 1000°
apor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)		as water
olubility in Water Essentially ins	oluble			
ppearance and Odor Colored liquid,	practically	odorless		
Section IV — Fire and Explosion Hazar	d Data			
lash Point (Method Used) Will not bur	'n	Flammable Limits N/A	LEL N/A	UEL N/A
xtinguishing Media Not combusti	ble.* This	is a water based product.		
pecial Fire Fighting Procedures None				

May be used- to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Signature of Preparer (optional)

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



Note: Blank spaces are not permitted, if any item is not applicable, or no information 1s available, the space must be marked to indicate that. IDENTITY (As Used on Label and List) Gare One Strokes TOS-2240-2242 Section I See other data sheets for one strokes that require different or additional information Emergency Telephone Number Manufacturer's Name Regional Poison Control - Poisondex System Gare, Inc. . Address (Number, Street, City, Slate, and UP Code) Telephone Number for Information 508-373-9131 **165** Rosemont Street Date Prepared January 1990 Haverhill., MA 01831

Section	11	Hazardous	Ingradiants/Identity	Information

Hazardous Comp	onents (Specific Chemical Identity;		OSHA PEL	ACGIH		Other Li		% (optional)
Lead	CAS#1317-36-8	0.05	mg/m ³	0.15 n	ıg/m ³		o-75	- 1.25
Cadmium	CAS#1306-19-0	0.2 TWA*- 0	.6 mg/m ³	ceiling	0.05	mg/m3	0.15	- 0.5

*Time weighted average



Products bearing the **HL/CR** Health Label/Cautions Required Seal of The Art and Craft Materials Institute, Inc. are certified to be properly labeled in a program of toxicological evaluation by a medical expert. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III —	Physical/Chemical	Characteristics
---------------	-------------------	-----------------

Boiling Point Water	212° F	Specific Gravity (H ₂ O = 1)	1.4-1.5
Vapor Pressure (mm Hg.)	N/A	Melting Point	above 1000°F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	as water

Solubility in Water

Essentially insoluble.

Appearance and Odor Colored liquid, practically oderless.

Section IV — Fire and Explosion Hazard Data

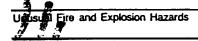
Flash Point (Method Used) Will not burn.	ammable Limits	LEL	UEL
	N/A	N/A	N/A

Extinguishing Media

Not combustible. This.-is a water based product.

Special Fire Fighting Procedures

None



None



Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

Hazardous Components (Specific Chemical Identity; Common Name(s))

U.S. Department of Labor

Occupational Safety and Health Administration .
(Non-Mandatory Form)
Form Approved

ACGIH TLV

Other Umils

Recommended



% (optional)

29 CFR 1910.1200. Standard must be Form Approved Consulted for specific requirements.

IDENTITY (As Used on Label and List): Star Light Colors Note: Blank spaces are not permitted. If any item is not applicable, or no

SC-8000 Series	Information is available, the space must be marked to morete that.
Section See other data sheets for Sta	r Lights that require different or
Manufacturer's Name	Emergency Telephone Number Regional Poison Control
Gare, Incorporated	Center - Poisondex System
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information
165 Rosemont Street.	(508) 373-91 31
Haverhill, MA 01830	Date Prepared March 1992
	Signature of Preparer (optional)
Section II — Hazardous Ingredients/Identity Informatio	<u> </u>



HEALTH LABELING
CONFORMS TO ASTIN DAZIS
CONTINED BY
ANT & CHAPT MATERIALS INSTITUTE
BOSTON 12714

Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

OSHA PEL

Boiling Point Water-	212° F	Specific Gravity (H ₂ O = 1)	1.3-1.4
Vapor Pressure (mm Hg.)	N/A	Melting Point	Above 1000 F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate - 1)	As Water
Solubility h Water Essentially I	nsoluble		•

Colored Liquid, Slight Earthy Odor.

Section IV — Fire and Explosion Hazard Data		
Flash Point (Method Used) Will not burn.	Flammable Limits N/A	LEL N/A N/A
Extinouishing Madia		

NOU ..

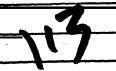
Not combustible. This is a water based product.

Special Fire Fighting Procedures



None

None



Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Ckcupational Safety and Health Administration (Non-Mandatory Form)





Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. IDENTITY (As Used on Label and List) SC-8003 Star Light Color See other data sheets for Star Lights that require different or Section 1 Center - Poisondex System Poison Control Emergency Telephone Number Manufacturer's Name Gare, Inc. Tolephone Number for Information Address (Number, Street, City, State, and 219 Code) **(508)** 373-9131 **165** Rosemont Street Date Prepared Haverhill, MA 01830 March, 1992 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits ACGIH NV **OSHA PEL** Hazardous Components (Specific Chemical Identity; Common Name(s)) Recommended % (optional) Cobalt 7440-48-4 0.05 mg/m0.05 mg/mDusts Warning: May be harmful if swallowed. Exposure may cause allergic **Exposure** may cause damase to the heart reactions Soluble Cobalt Contains: Avoid prolonged contact with skin. Precautions: Do not spray-apply. Wash hands immediately after use. When using do not eat, drink or smoke. Keep out of reach of children, First Aid: If swallowed, get prompt medical attention. For further nearlith information contact a poison control center of Products bearing the HL/CR Health Lib&/Cautions Required Seal of The Art and b&t-SACRAFT MATER Materials Institute, **Inc.** are certified to be properly labeled in a program of toxicological HEALTH evaluation by a medical expert. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance orms to ASTM D-0236 with the voluntary chronic hazard labeling standard ASTM D-4236. Section III - Physical/Chemical Characteristics Specific Gravity (H₂O = 1) **Boiling Point** 212° F Water 1.36 Vapor Pressure (mm Hq.) Melting Point N/A Above 100 Vapor Density (AIR = 1) Evaporation Rate N/A (Butyl Acetale = 1) As Water Solubility in Waler Essentially insoluble except for the Cobalt portion. Appearance and Odor Colored liquid, slight earthy odor. Section IV — Fire and Explosion Hazard Data UELN/A flash Point (Method used) Flammable Limits Will not burn.' N/A N/A Media Not. Extinguishing combustible. This is a water based product. Special Fire Fighting Procedures None Unusual fire and Explosion Hazards None

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List) Gare glazes 600-7300 See other data sheets for glazes in this

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I series that require different or addition	nal information due to material contents.
Manufacturer's Name	Emergency Telephone Number
Gare, Inc.	Regional Poison Control-Poisondex System
Address (Number, Street, City, State, and ZIP Code) 165 Rosemont Street	Telephone Number or Information 508-373-9131
Haverhill, MA 01831	Date Prepared July 1989
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH nv	Recommended	% (optional)
Lead CAS# 1317-36-8	0.05 mg/m3	0.15 mg/	'm	up to 36.

The lead in these glazes has been thermally reacted with other raw materials to form a glass. The glass is ground to produce a powdered frit which is a major component of the glazes.



Products bearing the **HL/CR** Health Label/Cautions Required Seal of The Art and Craft Materials Institute, Inc. are **certified** to be properly labeled **in** a program of **toxicological** evaluation by a medical expert. This program is reviewed by the Institute's Toxicological Advisory Board. These products are **certified** by the **Institute** to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III - Physical/Chemical Characteristics

Boiling Point Water	212°F	Specific Gravity (H ₂ O = 1)	1.4-1.8
Vapor Pressure (mm Hg.)	N/A	Melting Point	above 1000 °F
Vapor Oensity (AIR ≈1)	N/A	Evaporation Rate (Butyl Acetate =1)	as water

Solubility in Waler

Essentially isoluble.

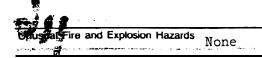
Appearance and odor Colored liquid, practically odorless.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)		Flammable Limits	LEL	UEL
<u> </u>	Will not burn.	N/A	- N/A	N/A
Extinguishing Media	Not combustible This is a	a water based product.		

Special Fire Fighling Procedures

None





May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



Note: Blank spaces am not permitted. If any item is not applicable, or no page information is available, the space must be marked to indicate that. Gare Glazes contain IDENTITY (As Used on Label and List) added Silicon Dioxide. See list on back

Section I

Manufacturer's Name	Emergency Telephone Number
Gare, Inc.	Regional Poison Control-Poisondex System
Address (Number, Street, City, State, and ZIP Code) 165 Rosemont Street	Telephone Number for Information
165 Rosemont Street	508-373-9131
Haverhill, MA 01831	Date Pr epared July 1989
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limils Recommended	% (op)	ional)
Lead CAS# 1317-36-B	0.05 mg/m ³	'0.15 mg/m ³		up to	36.
Silicon Dioxide CAS# 14808-60-7	1. mg/m ^{3*}	0.1 mg/m ^{3*}	•	up to	20.
The lead in these glazes has been thermally	reacted with	other raw m	aterials to	form a	glass
The glass is ground to produce a powdered f	rit which is	a major comp	onent of the	e glaze:	5.

* Respirable crystalline silica



Products bearing the **HL/CR** Health Label/Cautions Required Seal of The Art and Craft Materials Institute, Inc. are certified to be properly labeled in a program of toxicological evaluation by a medical expert. This program is **reviewed** by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III — Physical/Chemical Characteristics

Boiling Point Water	212°F	Specific Gravity (H ₂ O = 1)	1.4-1.8
Vapor Pressure (mm Hg.)	N/A	Melting Point	above 1000°F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	as water

Solubility in Water

Essentially isoluble.

Appearance and Odor

Colored liquid, practically odorless.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used). Will:	not burn.		Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Not o	ombustible.	This is a	water based product.		

Special fire Fighting Procedures None Unusual Fire and Explosion Hazards None



Unusual Fire and Explosion Hazards

None

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List) Gare Glazes Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. 1300, 1400, 1500, 1600, 1738, 4013, 4014, 7104 Section I Manufacturer's Name **Emergency Telephone Number** Gare, Inc. Regional Poison Control-Poisondex System Address (Number, Street, City, Slate, and ZIP Code) Telephone Number for Information 165 Rosemont Street 508-373-9131 Date Prepared Haverhill, MA 01831 July 1989 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits **OSHA PEL ACGIH TLV** Hazardous Components (Specific Chemical Identity; Common Name(s)) Recommended % (optional) $0.05 \, \text{mg/m}^3 \, 0.15 \, \text{mg/m}^3$ 14.5 Lead CAS# 1317_16_8 0.2TWA -0.6 ceiling $mg/m^{3} 0.05 mg/m^{3}$ 5.5 Cadmium compounds CAS# 1306-19-0 The lead in these glazes has been thermally reacted with other raw materials to form a glass. The glass is ground to produce a powdered frit which is a major component of the glazes. Time weighted average Products bearing the **HL/CR** Health Label/Cautions Required Seal of The Art and Craft SA CRAFT MATE Materials Institute, Inc. are certified, to be properly labeled in a program of toxicological evaluation by a medical expert. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with rhe voluntary chronic hazard labeling standard ASTM D-4236. Section III — Physical/Chemical Characteristics **Boiling Point** Specific Gravity (H₂O = 1) 212°F Water 5 Vapor Pressure (mm Hg.) Melting Point above 1000°F N/A Vapor Density (AIR = 1) **Evaporation Rate** as water N/A (Butyl Acetate = 1). Solubility in Water Essentially isoluble. Appearance and Odor Colored liquid, practically odorless. Section IV — Fire and Explosion-Hazard Data Flash Point (Method Used) UEL N/A Flammable Limits N/A N/AWill not burn **Extinguishing Media** Not combustible. This is a water based product. dal fire Fighting Procedures None

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

Gare Glazes MG7216, MG7217

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name	Emergency Telephone Number System Resional Poison Control Ctr. Poisondex
GARE INC.	Resional Poison Control Ctr. Poisondex
Address (Number, Street, City, State, and ZIP Code)	relephone number for information
165 Rosemont Street	508-373-9131
Haverhill, MA 01831	Date Prepared November 1992
	Signature of Preparer (optional)

Section II — Hazardous Ingredien Widentity Information

Hazardous Components (Specific Chemical identity; Commo	on Name(s)) . OSHA PEL	ACGIH TLV	Other Limits Recommended % (optional)
Lead, CAS #1317-36-8	$0.05\mathrm{mg/m}^3$	0.15 mg/m^3	up to 24.5
Copper , CAS #7440-50-8	$1.mg/m^3$	$1.mg/m^3$	up to 1.27
Nickel, CAS #1313-99-1	1.mg/m ³	0.1mg/m^3	.30



Products bearing the **HL/CR** Health Label/Cautions Required Seal of The Art and Craft Materials institute, Inc. **arc** certified to be properly labeled in a program of **toxicological** evaluation by a medical expert. This program is reviewed by the **Institute**'s **Toxicological** Advisory Board. These products are **certified** by the **Institute** to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III —	Physical/Chemical	Characteristics
---------------	-------------------	-----------------

Boiling Point		Specific Gravity (H ₂ O = 1)		
ŭ	212 ^O F			1.59-1-71
Vapor Pressure (mm Hg.)		Melting Point		Above _
	N/A			linno F
Vapor Density (AIR = 1)		Evaporation Rate	:	
	N/A	(Butyl Acetate = 1)		As water

Solubility in Water

Essentially insoluble

Appearance and Odor

Colored liquid, slight earthy odor.

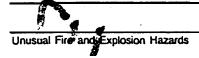
Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL ·	UEL
Will not burn'	n/A	N/A	N/A

Extinguishing Media

Not combustible. This is a water-based product.

Special Fire Fighting Procedures





(Reproduce locally) OSHA 174, Sept. 1985

Hobby ceramics is an activity shared by millions of people. Through the years, it has grown with friends and family members sharing ideas and enjoying the personal satisfaction ceramics offers.

By following a few common sense rules, ceramics will remain a very safe hobby or business.

This booklet has been prepared to keep you informed of good safety rules and practices for yourself, your employees and your customers.

Please take the time to read this booklet and keep a copy in the work area. The information could prevent a careless accident.

SPRAYING GLAZES (Continued)

Use a spray booth equipped with a strong fan that exhausts all glaze mists away from the breathing zone. **Replace all spray**-booth filters often. For example, if glazes are sprayed for two hours a day, the filter should be replaced at least every week; if glazes are sprayed eight or more hours a day, the filter should be replaced daily.

Wear protective clothing including hair covering that is removed before eating, drinking, smoking or leaving work. Wash hands thoroughly, im.mediately after spraying and removing protective clothes. Do not smoke or eat in work area.

If lead based glaze spraying is a regular or major part of work, regular blood-lead-level testing by your doctor is necessary.

VENTILATION

Adequate ventilation **is** a necessary precaution when spraying glazes (see above information pertaining to spraying glazes). Ideally, spraying of glazes should be done in a spray booth. However, if a spray booth is not practical, spraying should be done near an open window with an exhaust fan. At the very minimum, a respirator, approved by NIOSH should be used to protect against mist, fumes **or** dust.

Aerosol sprays, solvents and solvent-based overglazes should be used with a window exhaust fan to insure adequate **cross**-ventilation. If the solvents are known to be flammable, an explosion-proof fan should be used.

SLIP

As with any finely ground substance, dust control is the primary safety factor to be remembered by those who **customarily** mix slip. Ceramic bodies consist of clay minerals and porcelain slip contains quartz dust. When mixing slip, a **NIOSH** mask should be used. The work areashould be well ventilated. It is best if the area can easily be washed down to clean the dust from the surfaces. The slip-mixing area should be away from the glazing area to prevent contamination of the ware by exposure to dust.

Excessive inhalation of quartz dust may result in chronic lung damage. When mixing porcelain slip use a **NIOSH-approved** mask for mists and dust and mix the slip under a locally exhausting hood.

MEDICAL SUPERVISION

If glaze spraying is a major portion of your ceramic work, regular blood lead-level testing by your doctor may be **advisable**. Pregnant women or women contemplating **pregnacy** who are active ceramists should notify the physician of their work with ceramic products.

Keep these common sense safety rules in **mind** and remember to observe them. Make sure your students, **clients** and employees read this booklet, and provide **them** with any necessary safety equipment. Post a simple list of safety rules in classrooms and work areas for any situations that apply to your customers. Hobby ceramics is a safe, enjoyable activity with a fine safety record. Let's keep it that way.

READ LABELS WITH CARE

In ceramics, as in all areas of human activity, proper usage of products ensures safety. Misuse of products may expose the ceramist to potentially harmful substances. Care should be taken to read all label instructions before using a product.

Hobby labels that comply with ASTM D4236 contain specific information on any toxic material in the product, potential health hazards associated with their use and directions on how to minimize risks. To comply with this standard, hobby ceramic manufacturers must have their products approved by a certifying organization. Our organization is the Art and Craft Materials Institut: which gives permission, upon strict prerequisites, to use the following seals on product labels.



"Products bearing the AP Approved Seal of the Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute's Toxicological Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause **acute** or chronic health problems."



"Products bearing the HL Certified Labeling Seal of the Art and Craft Materials Institute, Inc. are certified to be properly labeled in a program of toxicological evaluation by a medical expert, subject to review by the Institute's Toxicological Advisory Board."

KILN SAFÈTY (Continued)

Do not allow children near the kiln.

Do not plug in or unplug the kiln unless the circuit is off. Turn all switches to OFF before loading or unloading the kiln. **Do** not open the lid with the kiln turned on.

Do not leave papers or combustibles around the kiln, or place objects on the kiln while firing. Always unplug the kiln while making any repairs.

Do not try to unload the kiln until the outside of the kiln is cool to the touch and the pieces can be easily touched by the bare hand.

When unloading a kiln, be careful of the stilt marks on glazed ceramic pieces. They can be sharp and should be smoothed as soon as possible with a grinding wheel or stone. Be sure to wear safety glasses while grinding off stilt marks.

Electric hobby kilns should be properly ventilated. All indoor kilns should be used with an exhausting canopy type hood or exhaust fan to insure adequate cross-ventilation.

DINNERWARE-SAFE GLAZES

Many glazes are formulated to be safely used on surfaces that come in contact with food or drink. These glazes are labeled dinnerware-safe. The directions on the jar label should be followed closely.

Do not mix dinnerware-safe glazes, as the balance of ingredients in each glaze will be disrupted. Each mixture would have to be retested by an approved laboratory to determine if the mixture is also dinnerware-safe.

Proper firing of dinnerware-safe glazes is critical. Pyrometric cones should be used on the kiln shelves to ensure **that** the pieces are fired hot enough. Dinnerware-safe glazes must be fired to no less than a mature witness cone 06.

Lead and cadmium are used in many ceramic glazes. The cadmium is essential to produce the brilliant reds and yellows. The lead gives a brilliance to the glaze and allows the glazes to mature in the hobby firing range. The lead and cadmium used in Care glazes are chemically combined in a glass to reduce their solubility. The reduced solubility decreases the health risk in using glazes containing lead and cadmium.

When excessive amounts of cadmium are inhaled, lung damage may occur. Excessive absorption may result in kidney damage, damage to the testes, or risk to the developing fetus. Excessive lead absorption may result in damage to the nervous system with weakness and difficulty in thinking, kidney damage or risk to the developing fetus. Health risks from the use of glazes containing lead and/or cadmium are minimized through good personal hygiene and good housekeeping practices.

SPRAYS, SOLVENTS AND OVERGLAZES

These products are easy to use safely and will present no problems as long as these three, important rules are observed:

- 1. Keep out of reach of children.
- 2. Use in a well ventilated area..
- 3. Clean up after use.

These products should not be used near a heat source or open flame, or close to the kiln. Containers are to be kept closed when not in use. Rags and paper towels or tissues used with these products should be placed in the trash for immediate disposal.

SPRAYING GLAZES

When spraying lead based glazes, use extreme caution and follow these safety "musts".

Follow all OSHA guidelines for use of lead bearing products.

Be sure to use ONLY a dust and mist respirator for lead that has been approved by the National Institute of Occupational Safety and Health (such as **3M-8710** or equivalent), and replace often. A safety supply house is the best source of dust masks and information. (Please note that ordinary masks sold by paint and hardware stores do not offer adequate protection from glaze mists.)

HOUSEKEEPING

Common sense, clean-up and maintenance of the work area is a must for people working with ceramics. We strongly recommend observance of the following rules:

- 1. Keep working surfaces and shelves clean by wiping down with a wet sponge, rinsing the sponge frequently.
- 2. Clean jar rims before closing to eliminate build-up of dried product.
- 3 . Clean up spills when they occur.
- 4. Wet-mop floors to control dust; do not sweep.
- 5. Work on newspaper or a paper towel for easy clean-up and disposal.
- 6. Do all spraying or airbrushing of ceramic products in a spray booth equipped with an exhaust fan vented to the outside.
- 7. Keep dust under control.

PERSONAL HYGIENE

Ceramic products and materials can be handled very safely if we keep in mind that materials should not be ingested or dust inhaled. Smoking, eating and drinking should not be combined with working on ceramics. Besides being poor hygiene, such practices can leave substances such as salt and oil on the work surfaces and thus ruin your glazes.

Measures should be taken to protect any cuts or open wounds when working with materials used to produce hobby ceramics. Always wash hands and arms thoroughly when you are through and be sure to put away materials where small children cannot reach them. Do not use any utensils that will later be used in the kitchen. If there is an accidental ingestion, call a doctor or your local Poison Control Center, listed with emergency numbers in the front of many telephone books.

PERSONAL PROTECTIVE EQUIPMENT

For some areas of ceramics, simple forms of personal protective equipment are recommended. Gloves should be worn when handling a kiln after the venting period, as the handle will be hot. Never touch the outside of a kiln (other than the control panel) when it is turned on, as the kiln surface, temperature may be very hot.

Dark shaded glasses from a safety supply house (shade number 1.7-3.0) are recommended when looking into kiln peepholes. Normal sunglasses are inadequate for this purpose. Using the proper glasses not only helps protect your eyes from the radiating heat, but also allows you to see witness cones more clearly.

A smock or apron should be worn when working with hobby ceramic materials. The smock or apron should then be left in the work area and should be laundered regularly.

The wearing of contact lenses is not recommended when working in dusty environments. Dust particles may become trapped between the lens and the surface of the eye, and these small particles can scratch the eye.

Respirators are recommended for glaze-spraying operations which are not adequately ventilated. Inexpensive **disposable**-type respirators which have been approved by the National Institute of Occupational Safety and Health (NIOSH) are commonly available. For water-based glazes, use a NIOSH approved mask for mists and dusts. For solvent-based materials, use a NIOSH approved respirator.

KILN SAFETY

Electric hobby kilns should be installed in accordance with local electrical and fire safety codes and in accordance with manufacturers suggested installation instructions.

For used kilns, contact manufacturers for installation instructions.

Hobby kilns are electrical appliances used to heat the pieces to a very high temperature. It's possible to **receive a shock or to** be burned if the kiln is misused or abused. Do not operate a kiln in a wet area.

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 cm 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. IDENTITY (As Used on Label and List) Shimmers S6500 Series Section 1 Manufacturer's Name

GARE INCORPORATED **Emergency Telephone Number** Regional Poison Control Center-Poisondex Address (Number, Street, City, State, and ZIP Code) Telephone Number for Information 508-373-9131 **165 Rosemont Street** Date Prepared July 19'92 Haverhill, MA 01831 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits **OSHA PEL ACGIH TLV** Recommended % (optional) Hazardous Components (Specific Chemical Identity; Common Name(s)) FIFED Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory HEALTH LABELING Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236. Section III — Physical/Chemical Characteristics Specific Gravity (H2O - 1) **Boiling Point** 212⁰F 1.-1.1 Water. Vapor Pressure (mm Hg.) Melting Point N/A N/A Vapor Density (AIR = 1) **Evaporation Rate** N/A As water (Butyl Acetale = 1) Solubility In Water Essentially insoluble Appearance and Odor Colored liquid, acrylic paint odor Section IV — Fire and Explosion Hazard Data Flash Point (Method Used) UEL Flammable Limits N/A N/A N/A will not burn Extinguishing Media This is a-water based product. Not combustible.

Unusual Fire and Explosionazards
None

Special Fire Fighting Procedures

None-'

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
23 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved



OSHA 174, Sept. 1985

OMB No. 1218-0072

IDENTITY (As Used on Label and Ust) Ruff-Stuff PRS-SRS-RS-6400 Series	Note: Blank spaces are not permitted. If any Item is not applicable, or no information is available, the space must be marked to indicate that.
Section I	}
Manufacturer's Name	Emergency Telephone Number Poisonde
Gare Inc.	Regional Poison Control Center-System
Address (Number, Street, City, State, and ZIP Code) 165 Rosemont Street	Telephone Number for Information 508-37 3-9131
Haverhill, MA 01830	Date Prepared July 1990
	Signature of Preparer (optional)
'Section II - Hazardous Ingredients/Identity Information	
Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL ACGIH TLV Recommended . % (optional)



HEALTH LABELING CONFORMS TO ACTH DIESS CONTINED BY ART & CRAFT MATERIALS HISTITUTE BOSTON 62116

(Reproduce locally)

Products bearing the AP Approved Product Seal of The Art and **Craft Materials Institute**, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious **to** humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Boding Point Water	212°F	Specific Gravity (H ₂ O = 1)		1.5 - 1.0
Vapor Pressure (mm Hg.)	N/A	Melting Point		P/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)		As Water
Solubility in water Essentially in	soluble	<u> </u>		·
Appearance and Odor Colored liquid Section IV — Fire and Explosion Haza	_	nt odor.		
Flash Point (Method Used) Will not burn.		Flammable Limits	LEL N/A	UEL N/A
Full autoble of to die	. This is	a water based prod	luct, '	
Not combustible				
Extinguishing Media Not combustible Special Fire Fighting Procedures None		eng digital and seed a seed and seed as a seed of the		

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements. .

U.S. Department of labor

Occupational Safety and Health Administration (Non-Mandatory Form)

Form Approved OMB No. 1218-0072



IDENTITY (As Used on Label and List) SY-4438 Glitter-It Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. SY4438-50 Section 1 Manufacturer's Name **Emergency Telephone Number** Regional Poison Control Center-Poisondex System Gare Inc Telephone Number for Information 508-373-9131 Address (Number, Street, City, State, and ZIP Code) 16 Rosemont Street Date Prepared MA 01830 January 1990 Haverhill, Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL **ACGIH TLV** Recommended % (optional)



Products bearing the AP **Approved** Product Seal of The Art and Craft Materials Institute, Inc. are **certified** in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or

CONFORME TO ASTRI DECEM Board. These pr	oducts are certified	nm is reviewed by the Institute to be labe tandard ASTM D-4236.		
ection III - Physical/Chemical Ch	aracteristics			
oiling Point Water	212° F	Specific Gravity (H ₂ O = 1)		1.
apor Pressure (mm Hg.)	N/A	Melting Point		N/A
apor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)		as wate
olubility in Water Essentially	soluble	,		•
ppearance and Odor Clear, thick	liquid with ql:	itter flakes. Vinyl od	or.	
Section IV — Fire and Explosion H		<u>*</u>		
lash Point (Method Used) Will not	burn.	Flammable Limits N/A	LEL N /A	UEL N/A
xinguishing Media — Not combustib	le This is a v	water based.product		
pecial Fire Fighting Procedures Nnnc				
NIIIC .				- 6
Unusual Fir& Explosion Hazards No	ne			17
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OSHA 174 Sept. 1985 (Reproduce locally)

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

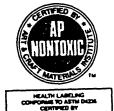
Hazardous Components (Specific Chemical Identity, Common Name(s))

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



IDENTITY (As Used on Label and List) Color wash stains Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. CW-6300 series Section 1 Emergency Telephone Number Manufacturer's Name Regional Poison Control Center-Poisondex System Gare, Inc. Address (Number, Street, City, State, and ZIP Code) Telephone Number for Information 508-373-9131 165 Rosemont Street Date Prepared January 1990 Haverhill, MA 01830 Signature Of Preparer (optional) Section II - Hazardous Ingredients/Identity Information Other LIMITS **OSHA PEL ACGIH TLV** Recommended ' % (optional)



Products bearing the AP Approved Product Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause **acute or** chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236.

Section III — Physical/Chemical Cha	racteristics	Specific Gravity (H ₂ O = 1)		
Boiling Point Water	212° F	Specific Gravity (n20 = 1)		1.1
Vapor Pressure (mm Hg.)	N/A	Melting Point		N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)		as water
Solubility in Water Essentially inso	luble			
Appearance and odor Colored liquid,	mild paint od	lor.		
Section IV — Fire and Explosion Ha	zard Data			
flash Point (Method Used) Will not bu	rn.	Flammable Limits N/A	LEL N/A	UEL N/A
	Thic ic a w	ater based product.		
Extinguishing Media Not combustible.	IIIID ID A W	acci Basca Ficance.		
Extinguishing Media Not combustible. Special Fire Fighting Procedures None				
NOT COMDUSTIBLE.		acer succu produce.	<u> </u>	_

PRODUCT8 AND MANUFACTURERS BRAND NAMES SPRAY SEALERS BON ARTISTE CLEAR ACRYLIC Caldex Enterprises BON ARTISTE MARVEL GLAZE Caldex Enterprises Caldex Enterprises BON ARTISTE MATTE CLEAR FIXATIVE Ceramichrome, Inc. **DECOART AMERICANA GLOSS** DECOART AMERICANA MATT Ceramichrome, Inc. PORCE W N-LIKE Ceramichrome, Inc. TRUE GLOSS - -Ceramichrome, Inc. CHARTPAK CLEAR GLOSS Ceramichrome, Inc. Chartpak DURO DAMAR VARNISH **Duro Art Industries Duro Art Industries** DURO WORKABLE MATTEFIXATIVE GAREOSOL CERAMIC NON-FIRED Gare, Inc. SPRAY FINISHES MYSTON WORKABLE FIXATIVE M. Grumbecher, Inc. TUFFILM FINAL FIXATIVE - GLOSS M. Grumbacher, Inc. TUFFILM FINAL FIXATIVE - MATTE M. Grumbacher, Inc. FOIL SEALER Plaid Enterprises Plaid Enterprises FOLK ART ACRYLIC SEALER

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Some of the products in this line bear the CP, AP or Health Label (Non-Toxic) Seal.

FOLK ART CLEARCOTE HI-SHINE

HIGH GLOSS FIX-IT

Plaid Enterprises

Plaid Enterprises

