				Form Approved. O.N.	4.B. No	o. 2070-0	012. Approv	al Expires 10-31-9				
U.S. ENVI	CY											
	Ī	oste of receipt	_									
A	PREMANI	FACTURE										
SEPA		TICE										
NYCHA												
	FOR NEW CHEMICAL S' If SENDING BY US MAIL:	UBSTANCES IF SENDING BY COURIE										
When	TS7407M DCO	TS7407M DCO										
completed send this	TSCA CBIC OPPTS-EPA	TSCA CBIC OPPTS I ROOM 6428	EPA									
form to	1200 PENNSYLVANIA AVE, WASHINGTON, DC 20460	1201 CONSTITUTION A										
Enter the total number of pages	WASHINGTON, DC 20400	WASHINGTON, DC 200	_	ocument control number		EPA case	e number					
in the Premanufacture Notice	CHILDRAY I						11 11	11 11				
**************************************		NSTRUCTIONS			TS -	L,,,L	┚┞╜┞	_				
 You must provide all init not have actual data. 	ormation requested in this form t	o une extent unat it is ion	ovn to	or measonably ascertainable	оууоц	. Make ie	easonadie estir	nates ii you do				
	s form, you should read the "Insti (TSCA) Information Service by c				ruction	s Manual i	is available fro	om the Toxic				
 If a user fee has been rer 	nitted for this notice (40 CFR 70)) 45), indicate in the bo	xes abo	ve the TS-user fee identific								
	must also appear on your corresp A 15251-6399 , Attn. TSCA User		which:	is sent to EPA, Washington	Financ:	ial Manag	ement Center	(3303), P.O.				
,**************												
Part I — GENERAL INFORMATIO	МС		TEST	DATA AND OTHER DAT	A.							
	act Chemical Abstracts (CA) Name		You a	re required to submit all tes	t data ir	a your nos	session arcar	itrol and to				
chemical substance, even if you clain another person to submit chemical io	m the identity as confidential. You r fentity information for you but your	nay authorize submission will	provid	le a description of all other (data lmo	own to or	reasonably as	ertainable by				
not be complete and the review will	not begin until EPA receives this inf	ormation Aletter		you, if these data are related to the health and environmental effects on the manufacture, processing, distribution in commerce, use, or disposal of the new								
You must submit an original and two	d reference your TS user fee identific o copies of this notice including all t	est data. If you		chemical substance. Standard literature citations may be submitted for data in the open scientific literature. <u>Complete test data (written in English), not summaries</u>								
claimed any information as confider	ntial, a single sanitized copy must als	o be submitted.	of data	a, must be submitted if they	do not	addear in	the open liter	ature. You should				
Part II — HUMAN EXPOSURE AI	ND ENVIRONMENTAL RELEASE	ī		y identify whether test data : cal composition of the teste								
				amples of test data and othe quirements of §720.50 of th								
If there are several manufacture, processing, or use operations to be described in Part II, sections A and B of this notice, reproduce the sections as needed.				20).	e Fiell	anurac (unc	: 140dileadoit	rade (40 CFR				
Part III — LIST OF ATTACHMEN	nrs		Test D	ata (Chedi Below any incl	udedin	this notice))					
Attach additional sheets if there is n	ot enough space to answer a question	nfully. Labeleach	• Er	vironmental fate data		Yes	• Otherdata	Yes				
	nding section heading. In Part III, li ata and any optional information inc		• He	alth effects data		Yes	Risk assess	ments 🔲				
			• Er	wironmental effects data		Yes	Structure/ac	tivity relationships				
OPTIONAL INFORMATION			· Ph	ysical/Chemical Properties#	\Box	Yes	Test data no	ot in the possession				
You may include any information th	et you want EPA to consider in evab	rating the new			_		or control o	f the submitter				
substance. On page 11 of this form,	, space has been provided for you to nformation you may have regarding t	describe	* A	physical and chemical propert	ies world	sheetis loo	rated on the last	page of this form.				
		2.1	TYPE	OF NOTICE	(Che	olt Only Or	ne)					
willingness to be bound to certain st	led throughout this form for you to it atements you malie in this section, s	uch as use,	\Box	PMN (Premanufacture	Notice)							
	ment This option is intended to nt of consent orders or Significant N		믐									
Except in the case of exemption app	dications (such as TMEA, LVE, LOI motification is binding on the submi	REX) where	Ш	INTERMEDIATE PM	N (subr	ittedin sed	quence with fine	al product PMIN)				
Agency approves the exemption app	lication, checking a binding box in t later deviating from the information	his notice <u>does not</u>		SNUN (Significant Ne	w Use N	Totice)						
identity) reported in the form	THE CENTER AND THE PROPERTY OF	amehi misiring		TMEA (Test Marketing	g Frans	ntion 4 mili	cation)					
			님	Transfer (1631 Handende	2	- эмг гарри						
CONFIDENTIALITY CLAIMS		200 12	Ш	LVE (Low Volume Ex	emption)@40CF	R 723.50(c)(1)					
	his notice as confidential. To assert a next to the information that you clai:			LOREX (Low Ralsass	/Low Ex	posum Ex	emption) @ 40	CFR 723.50(c)(2)				
To assert a claim in an attachment, o	incle or bracket the information you on in the notices as confidential, you	claim as	\equiv	112F > r_ 27'			LOBERT . "	Y				
	cluding attachments). For additional		Ш	LVE Modification		ᆜ	LOREX Modi	ncation				
wanting unound on use contrasting	, real de libdus dus Massal.		IS TH	s a consolidated pmin	P.		Yes					
Madt (x) if any informat	ion in this notice is claimed as confic	lential.		of chemicals or polymers _								
700			(P:	enotice Obmmunication # req	uired, er	ntar#on pa	ge 3)					

Public reporting burden for this collection of information is estimated to average 105.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Director, Collection Strategies Division (2822), U.S. Environmental Protection Agency, 1200 Pennsylvania Ave., N.W., Washington, D.C. 20460; and to the Office of Management and Budget, Paperwork Reduction Act (2070-0012), Washington, D.C. 20503.

CERTIFICATION -- A Printed copy of this signature page, with original signature, must be submitted

I certify that to the best of my knowledge and belief:

The company named in Part I, section A, subsection 1a of this notice form intends to manufacture or import for a
commercial purpose, other than in small quantities solely for research and development, the substance identified in Part I,
Section B.

2.	All information provided in this notice is complete and truthful as of the date of submission.							
3.	I am submitting with this notice all test data in my possession or control and a description of all other data known to or reasonably ascertainable by me as required by §720.50 of the Premanufacture Notification Rule.							
Ad	ditional Certification Statements:							
	you are submitting a PMN, Intermediate PMN, Consolidated PMN, or SNUttement that applies:	N, check the following user fee cert	ification					
	The Company named in Part I, Section A has remitted the fee of \$2500 specified in 40 CFR 700.45(b), or							
	The Company named in Part I, Section A has remitted the fee of \$1000 for an Intermediate PMN (defined @ 40 CFR 700.43) in accordance with 40 CFR 700.45(b), or							
	The Company named in Part I Section A is a small business concern under 40 CFR 700.43 and has remitted a fee of \$100 in accordance with 40 CFR 700.45(b).							
and	If you are submitting a low volume exemption (LVE) application in accordance with 40 CFR 723.50(c)(1) or a Low release and low exposure exemption (LoRex) application in accordance with 40 CFR 723.50(c)(2), check the following certification statements:							
	The manufacturer submitting this notice intends to manufacture or import the new chemical substance for commercial purposes, other than in small quantities solely for research and development, under the terms of 40 CFR 723.50.							
	The manufacturer is familiar with the terms of this section and will comply with those terms; and							
	The new chemical substance for which the notice is submitted meets all applicable exemption conditions.							
	If this application is for an LVE in accordance with 40 CFR 723.50(c)(1), the manufacturer intends to commence manufacture of the exempted substance for commercial purposes within 1 year of the date of the expiration of the 30 day review period.							
	ccuracy of the statements you make in this notice should reflect your best prediction of the anticipated bed herein. Any knowing and willful misinterpretation is subject to criminal penalty pursuant to 18 U		Confidential					
ignatu	ure and title of Authorized Official (Original Signature Required)	Date						
ignatu	ure of agent - (if applicable)	Date						

	Part I GENERA	L INFORM	ATIO	N				
Section A	- SUBMITTER IDENTIFICATION			-	·		Cor	
	Mark (X) the "Confidential" box next to any su	bsection you clair	m as confi	dential.			den	tial
1a. Person Submitting	Name of authorized official	Position				<u> </u>		
Notice (in U.S.)	Company	I						
	Mailing address (number and street)							
	City, State, ZIP Code						l	
b. Agent (if applicable)	Name of authorized official	Position					20000000	
	Company							
	Mailing address (number and street)	·	· · · · · · · · · · · · · · · · · · ·					
	City, State, ZIP Code	Telephone	Area (Code	Number			
c. If you are su	bmitting this notice as part of a joint submission, mark (X) t	his box.				→□		
Joint Name of authorized official Position								
(if applicable)Company								
Mailing address (number and street)								
•	City, State, ZIP Code	Telephone	Area (Code	Number			
2. Technical Contact (in U.S.)	Name	Position		<u> </u>				
(=====,	Company							
•	Mailing address (number and street)					:		
	City, State, ZIP Code	Telephone	Area C	ode	Number			
3. If you have had and EPA assign	a prenotice communication (PC) concerning this notice ed a PC Number to the notice, enter the number.			Mark if nor	x (X)		•	
4. If you previously submitted an exemption application for the chemical substance covered by this notice, enter the exemption number assigned by EPA. If you previously submitted a PMN for this substance enter the PMN number assigned by EPA (i.e. withdrawn or incomplete).								
in Jou have subr import for the ch notice number a	nitted a notice of Bona fide intent to manufacture or nemical substance covered by this notice, enter the ssigned by EPA.			Marl if no				
. Type of Notice -	Binding Option Mark (x)	2.	Import Only Binding Mark (x	Option	3.	Both		
FORM EPA 7710-25	5 (Rev. 5-95) Page 3							

Part I GENERAL INFORMATION Continued		
Section B CHEMICAL IDENTITY INFORMATION: You must provide a currently correct Chemical Abstracts (CA) name of the substant on the ninth Collective Index (9CI) of CA nomenclature rules and conventions.	tance tions.	
Mark (X) the "Confidential" box next to any item you claim as confidential.		
Complete either item 1 (Class 1 or 2 substances) or 2 (Polymers) as appropriate. Complete all other items.	\Box	
If another person will submit chemical identity information for you (for either item 1 or 2), mark (X) the box at the right. Identify the name, company, and address of that person in a continuation sheet.	Con den	ifi- tial
1. Class 1 or 2 chemical substances (for definitions of class 1 and class 2 substances, see the Instructions Manual)		ba
a. Class of substance Mark (X) 1 Class 1 or 2 Class 2		
b. Chemical name (Currently correct Chemical Abstracts (CA) Name that is consistent with TSCA Inventory listings for similar substances. For Class 1 substances a CA Index Name must be provided. For Class 2 substances either a CA Index Name or CA Preferred Name must be provided, whichever is appropriate based on CA 9CI nomenclature rules and conventions.).		
c. Please identify which method you used to develop or obtain the specified chemical indentity information reported in this notice: (check one).		
Method 1 (CAS Inventory Expert Service - a copy of the Identification report obtained from the CAS Inventory Expert Service must be submitted as an attachment to this notice)		
d. Molecular formula and CAS Registry Number (if a number already exists for the substance)		
	\Box	
CAS#		
e. For a class 1 substance, provide a complete and correct chemical structure diagram. For a class 2 substance — (1) List the immediate precursor substances with their respective CAS Registry Numbers. (2) Describe the nature of the reaction or process. (3) Indicate the range of composition and the typical composition (where appropriate). (4) Provide a correct representative or partial chemical structure diagram, as complete as can be known, if one can be reasonably ascertained.		
<i>y</i> , , , , ,		
<u> </u>		
Mark (X) this box if you attach a continuation sheet.		

Section B -- CHEMICAL IDENTITY INFORMATION -- Continued 2. Polymers (For a definition of polymer, see the Instructions Manual.) Confidential a. Indicate the number-average weight of the lowest molecular weight composition of the polymer you intend to manufacture. Indicate maximum weight percent of low molecular weight species (not including residual monomers, reactants, or solvents) below 500 and below 1,000 absolute molecular weight of that composition. Describe the methods of measurement or the basis for your estimates: GPC Other : (Specify) i) lowest number average molecular weight: ii) maximum weight % below 500 molecular weight: iii) maximum weight % below 1000 molecular weight: Mark (X) this box if you attach a continuation sheet. You must make separate confidentiality claims for monomer or other reactant identity, composition information, and residual information. Mark (X) the "Confidential" box next to any item you claim as confidential. (1) - Provide the specific chemical name and CAS Registry Number (if a number exists) of each monomer or other reactant used in the manufacture of the polymer. - Mark (X) this column if entry in column (1) is confidential. (3) - Indicate the typical weight percent of each monomer or other reactant in the polymer. (4) - Mark (X) the identity column if you want a monomer or other reactant used at two weight percent or less to be listed as part of the polymer description on the TSCA Chemical Substance Inventory. (5) - Mark (X) this column if entries in columns (3) and (4) are confidential. (6) - Indicate the maximum weight percent of each monomer or other reactant that may be present as a residual in the polymer as manufactured for commercial purposes. (7) - Mark (X) this column if entry in column (6) is confidential. Monomer or other reactant and CAS Registry Number Confi-**Typical** Maximum Identity Confi-Conficomposition dential residual Mark (X) dential dential (1) (2) (3) (4) (5) (6)(z) % % % % % % % % % % % Mark (X) this box if you attach a continuation sheet. c. Please identify which method you used to develop or obtain the specified chemical identity information reported in this notice. (check one). Method 1 (CAS Inventory Expert Service - a copy of the identification report Method 2 (other source) obtained from CAS Inventory Expert Service must be submitted as an attachment to this notice) d. The currently correct Chemical Abstracts (CA) name for the polymer that is consistent with TSCA Inventory listings for similar polymers. e. Provide a correct representative or partial chemical structure diagram, as complete as can be known, if one can be reasonably ascertained. Mark(X) this box if you attach a continuation sheet. FORM EPA 7710-25 (Rev. 5-95) Page 5

Part I -- GENERAL INFORMATION -- Continued

Part I — GENERAL INFORMATION Conti	nued					
Section B - CHEMICAL IDENTITY INFORMATION - Continued						
 Impurities (a) Identify each impurity that may be reasonably anticipated to be present in the chemical substance as manufaction Provide the CAS Registry Number if available. If there are unidentified impurities, enter "unidentified." (b)Estimate the maximum weight % of each impurity. If there are unidentified impurities, estimate their total weight %. 						
Impurity and CAS Registry Number (a)	Maximum percent	Confi denti				
(d)	(b)		- a 1			
	%	_				
	%					
	%					
	%					
	%					
	%					
	%		_			
Mark (X) this box if you attach a continuation sheet.			_			
4. Synonyms Enter any chemical synonyms for the new chemical substance identified in subsection 1 or	2.	Confi				
		dentia	aı			
Mark (V) this havifure attention						
Mark (X) this box if you attach a continuation sheet. 5. Trade identification — List trade names for the new chemical substance identified in subsection 1 or 2.						
2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2						
Mark (X) this box if you attach a continuation sheet.						
6. Generic chemical name If you claim chemical identity as confidential, you must provide a generic chemical identity of the new chemical substance to the Refer to the TSCA Chemical Substance Inventory, 1985 Edition, Appendix B generic names.	ne maximum extent possible.					
Mark (X) this box if you attach a continuation sheet.						
 Byproducts Describe any byproducts resulting from the manufacture, processing, use, or disposal of the Registry Number if available. 	he new chemical substance. Provide t	the CAS	>			
Byproduct (1)	CAS Registry Number (2)	Conf dentia				
			_			
Mark (X) this box if you attach a continuation sheet.						

	Part I GENERAI	L IN	FORN	MATIO	N	Conti	nue	d					
Section C PRO	DUCTION, IMPORT, AND	USE	INFO	RMATI(ON:								+
	Mark (X) the "Confidentia	al" bo	x next to a	any item y	ou clai	m as conf	identi	ial.					+
maximum product	ne Estimate the maximum prod tion volume for any consecutive Il substance basis. For a Low Volun kg/yr, specify the volume and mark	luctio 12-ma me Exa	on volum onth peri	ne during riod durin	the fing the	rst 12 mo first thre	onths e yea	of produrs of produce vour n	oduction od	on. Es	timates s	should	be or
Maximum first 12-month production (kg/yr) (100% new chemical substance basis)				(100% november 12-though production (kg/yr) dential Opti							Bindi Optic Mark	on	
claim as confidential a. (1) — Describe each (2) — Mark (X) this c (3) — Indicate your (4) — Estimate the p (5) — Mark (X) this c (6) — Estimate the p as manufactur (7) — Mark (X) this c (8) — Indicate % of p (X) to indicate	You must make separate confidentiality or, the formulation of the new subtlemental category, the formulation of the new subtlement of the new column if entry in column (1) is confident of total production for the first column if entry in column (4) is confident of the new substance as formulated for commercial purposes at sites a column if entry in column (6) is confident of the column if entry in column (7) is confident of the column if entry in column (8) is confident with the column if entry in column (8) is column if entry(ies) in column (8) is (1).	chemi identia provid st three identia ulated under identia ed "use pe prov	e, and other ical substrated in columers ded in columers in mixtur your cont al business e" sectors.	ance by fur se informate umn (1) bir evoted to ess informate res, suspen trol associa se informate . Mark mo	nction ion (C nding. ach car ion (C usions, ated w ion (C ore than	and appli BI). tegory of t BI). emulsion ith each ca BI). n one box	(X) the cation use. s, soluategor if app	e "Confi n. ations, or ry of use.	dential' r gels	" Box ne	luction vo	olume item yo	ш
(by function and applica	ry of use (1) ation i.e. a dispersive dye for	CBl	Binding Option Mark (x)	Produc- tion %	СВІ	% in Form-	СВІ	% of	f substa	nce exp (8)	ected per	use	СВІ
finishing polyester fibe	rs)	(2)	(3)	(4)	(5)	ulation (6)	(7)	Site- limited	Con-* sumer	Indus- trial	Com- mercial	Binding Option	g 1 (9)
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consumer products as	d a "consumer" use, please provider products. In addition includer and describe the chemical reaction if you attach a continuation sheet.	estim	nates of tl	he concen	itratio	on of the i	new (chemica	al subst	tance a	s expect	emical ed in	
b. Generic use description	If you claim any category of use desc category. Read the Instructions Mar	criptio nual f	n in subs or examp	ection 2a a les of gene	s confi ric use	idential, e descripti	nter a ons.	generic	descrip	tion of t	that		
uescription													
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	you attach a continuation sheet.	able	- S- soimaile	-									
or other hillorination w	 Include in the notice a copy of reaso which will be provided to any person s for the safe handling, transport, use 	who i	is reasona	ibly likely t	to he e	ot begonny	thic o	nihetana		dina ne	ataatirra	Opt	ding tion rk (x)
Mark (X) this box if you	ou attach hazard information.	., or a	sposar or	the new s	ubstar	nce. List ii	n part	: III haza	rd intor	mation	you inclu	ıde.	