	List of Tier 1 Tier 2	High	hwa	y Se	ecu1 curi	ity-S	Sens ensit		Ma Mate	erial	s (Ti	ier 2) and	d										
	list of Highway Security Sensitive Mat		s (H IS	SSN		as pr ieral	-	-	y the rson			ansp J n-	ortat	ion S	Secto	or Ne			anag Rout	-						
DOT Hazard Class (see 49 CFR 171.8	Threshold Quantity (unless otherwise noted see	1	15 M			urity			ecur		Au	thor						LN-F	cout	e Sei	curi	y				
for definitions of these hazard classes)	49 CFR 171.8 for definitions)		ier	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
Division 1.1 Explosives	Any quantity	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Division 1.2 Explosives	Any quantity	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Division 1.3 Explosives	Any quantity	X		X	X	X	X	X	X	X	X	X	X	X	X,	X	X	X	X	X	X	X	X	X	X	
Division 1.4 Explosives	Not subject other than Division 1.4 Explosives specified by UN number below.																									
Division 1.4B Explosives	Any quantity of the following explosives : UN No. 0361, 0365, 0255, 0267		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Division 1.4S Explosives	Any quantity of the following explosives: UN No. 0500, 0366, 0456, 0455, 0441	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Division 1.4D Explosives	Any quantity of the following explosives: UN No. 0289, 0104, 0237, 0440	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							-
Division 1.5 Explosives	Any quantity		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							

Document: SAI Rev1 Appendix B Final attachment 5-20-09

rev: 05-20-09

1

	List of Tier 1 Tier 2 F	ligl	hwa	y Se	curi	rity- ty-S	ensit	itive tive l	e Ma Mate		s (Ti	ier 2				d	22								C	
The DOT Hazard Class	list of Highway Security Sensitive Mate Threshold Quantity	T	s (H HS	ISSN		as pi ieral		T	y the		-	ansp J n-	ortat	ion S	Secto	r Ne				eme e Sec						
(see 49 CFR 171.8 for definitions of these hazard classes)	(unless otherwise noted see 49 CFR 171.8 for definitions)	S T	ier	1	Sec	urity	4		ecur 6		10000000000	thor cess 9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Division 1.6 Explosives	Not Subject																									
Division 2.1 Flammable Gases (for def, see 49 CFR 173.115 and 173.116)	Single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs.)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Division 2.2 Non- Flammable Gases	Not subject other than Division 2.2 substances specified below																									
Division 2.2 Non- Flammable Gas (also meeting the definition of a material poisonous by inhalation ⁱ)	Anhydrous ammonia (UN 1005) in single bulk packaging ≥ 3000 L (792 gal) or 3000 kg (6614 lbs) ⁱⁱ	X		X	X	x	X	X	X	X	X	x	X	x	X	X	X	X	X	X	X	X	X	X	X	X
Division 2.2 Non- Flammable Gas (with a subsidiary hazard of Oxidizer (Division 5.1)) ⁱⁱⁱ	Substances with subsidiary hazard of Oxidizer (Division 5.1) in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs.)		X	X	X	X	X	X	X	X	X	X	X	X	X	x	X	X	X							

Source: TSA TSNM Highway & Motor Carrier Program

Document: SAI Rev1 Appendix B Final attachment 5-20-09

rev: 05-20-09

2

	List of Tier 1 Tier 2 H	Higl wi	nwaj ith C	y Se Corr	curi espo	rity- ty-Sondin	ensit 1g So	itive ive l ecur	e Ma Mato ity A	erial ctio	s (Ti n Ite	ier 2 ems	HSS	5M)												
DOT Hazard Class (see 49 CFR 171.8	list of Highway Security Sensitive Mate Threshold Quantity (unless otherwise noted see	I	s (H IS M	SSN	Gei	as pr neral urity		Pe	y the rson ecur	nel	U Au	anspo n- thor cess	ortat	ion S	Secto	or Ne			anag Rout				<u> </u>			
for definitions of these hazard classes)	49 CFR 171.8 for definitions)		ier 2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Division 2.3 Toxic (Poison) Gas	Hazard zone A & B \geq 5 lbs. in a single package.	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Division 2.3 Toxic (Poison) Gas	Hazard zone C & D in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs).	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Class 3 Flammable Liquids	PG I and II in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs.)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					-		
Class 3 Flammable Liquids	Any quantity desensitized explosives		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Class 3 Flammable Liquids (also meeting the definition of a material poisonous by inhalation ^{iv})	PG I in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs.)	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

3

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Document: SAI Rev1 Appendix B Final attachment 5-20-09

rev: 05-20-09

	List of Tier 1 Tier 2 I	Higl wi	hwa ith (y Se Corr	ecuri curi espo	rity- ty-S ndi	ensit ng So	tive tive tive	e Ma Mate ity A	erial Actio	s (Ti n Ite	er 2 ems	HSS	SM)												
DOT Hazard Class	list of Highway Security Sensitive Mate	H	IS	ISSN	Ger	as pi ieral urity	I	Pe	ersor	nel	U	anspo n- thor	ortat	ion S	Secto	or Ne					nt O curit				1	
(see 49 CFR 171.8 for definitions of these hazard classes)	(unless otherwise noted see 49 CFR 171.8 for definitions) imited to any quantity of	Т	ier	1	2		4	5	ecur 6	1 ty 7		cess 9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Division 4.1 Flammable Solids (Desensitized Explosives)	Limited to any quantity of desensitized explosives in Division 4.1 including those categorized as Packing Group I and the following Packing Group II materials: UN2555, UN2556, UN2557, UN2907, UN3319, and UN3349. ^v		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Division 4.2 Spontaneously Combustible Material	Packing groups I and II only in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs.)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		4					
Division 4.3 Dangerous When Wet Material	Any quantity		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Division 5.1 Oxidizer	Packing groups I & II in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs.)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							

Document: SAI Rev1 Appendix B Final attachment 5-20-09

rev: 05-20-09

	List of Tier 1 Tier 2 I	High	iway	y Se	ecun curi	ity-l	ensit	itive	e Ma	erial	s (Ti	er 2) and	1	25									
The DOT Hazard Class	list of Highway Security Sensitive Mate Threshold Quantity		s (H IS	SSN		as pr neral			y the rsor		U	n-	ortati	ion S	Secto	r Ne				geme e Seo						
(see 49 CFR 171.8	(unless otherwise noted see	S	M		Sec	urity	•	S	ecur	ity	No. of the state of	thor cess														
for definitions of these hazard classes)	49 CFR 171.8 for definitions)		ier 2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Division 5.1 Oxidizer	Packing Group III perchlorates, ammonium nitrate, ammonium nitrate fertilizers or ammonium nitrate emulsions, suspensions or gels in single bulk packaging greater than or equal to 3,000 L (792 gal) or 3,000 kg (6614 lbs)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Division 5.2 Organic Peroxide	Limited to any quantity of Type B organic peroxide (for def of types, see 49 CFR 173.128), liquid or solid, temperature controlled.		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Division 6.1 Poisonous Materials	Packing groups I, II and III in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs.)		Х	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Division 6.1 Poisonous Materials (also meeting the definition of a material poisonous by inhalation ^{vi})	Hazard zone A & B \geq 5 lbs. in a single package	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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Document: SAI Rev1 Appendix B Final attachment 5-20-09

rev: 05-20-09

5

The	List of Tier 1 Tier 2 I	Higl wi	nwa ith (y Se Corr	curi espo	ty-So ndir	ensit ng S	tive l ecur	Mate ity A	erial ctio	s (Ti n Ite	ier 2 ems	HSS	SM)			<u>turo</u>	1- 14			nt O	ffica				
DOT Hazard Class (see 49 CFR 171.8	Threshold Quantity (unless otherwise noted see	H	IS IS M	166	Ger	neral urity		Pe	rson ecur	nel	U Au	n- thor		1011 2	secu			En-R	-	-						
for definitions of these hazard classes)	Hazard zone C & D in single bulk X		ier 2	1	2	3	4	5	6	7	Ac 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Division 6.1 Poisonous Materials (also meeting the definition of a material poisonous by inhalation ^{vii})	Hazard zone C & D in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs).	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Division 6.2 Infectious substances	Select Agents – (As listed by Centers for Disease Control in 43 CFR 73.3)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Class 7 Radioactive Materials, (10 CFR part 110, Appendix P, Category 1 materials)	International Atomic Energy Agency (IAEA) Code of Conduct Category 1 and 2 materials including Highway Route Controlled quantities as defined in 49 CFR 173.403 or known as radionuclides in forms listed as RAM-QC by the Nuclear Regulatory Commission.	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Class 8 Corrosive Materials	Packing group I in single bulk packaging \geq 3000 L (792 gal) or 3000 kg (6614 lbs.)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							

rev: 05-20-09

Document: SAI Rev1 Appendix B Final attachment 5-20-09

The	List of Tier 1 Tier 2 I	High wit	way h Co	Secur rresp	irity- ity-S ondi	Sensi ing S	sitive tive] ecur	e Ma Mate ity A	erials Actio	s (Ti n Ite	er 2 ems	HSS	5 M)			two	·k M	anao	eme	nt O	ffice				
DOT Hazard Class (see 49 CFR 171.8 for definitions of	Threshold Quantity (unless otherwise noted see	H SN	S	G	enera curit	1	Pe	erson ecur	nel	U Au	n- thor cess								e Sec						
these hazard classes)	49 CFR 171.8 for definitions)	Tie 1	er 2	1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Class 8 Corrosive Materials (also meeting the definition of a materials poisonous by inhalation ^{viii})	Packing group I and II in single bulk packaging ≥ 3000 L (792 gal) or 3000 kg (6614 lbs.)	X		XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Class 9	Not Subject																							•	
Class ORM-D	Not Subject																								
Other Materials	Any quantity of chemicals listed by the Chemical Weapons Convention on Schedules 1, 2, or 3. ^{ix}	X	2	XX	X	X	X	X	X	X	X	Х	Х	Х	X	X	X	X	X	Х	Х	X	Х	X	X

List of Security Action Items

General Security:

- 1) Security Assessment and Security Plan Requirements.
- 2) Awareness of Industry Security Practices.
- 3) Inventory Control Process.
- 4) Business and Security Critical Information

Personnel Security:

5) Possession of a Valid Commercial Drivers License – Hazardous Materials Endorsement.

- 6) Background Checks for Highway Transportation Sector Hazmat Employees other than Motor Vehicle Drivers with a Valid CDL with HME.
- 7) Security Awareness Training for Hazmat Employees.

Unauthorized Access:

- 8) Access Control System for Drivers.
- 9) Access Control System for Facilities Incidental to Transport.

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Document: SAI Rev1 Appendix B Final attachment 5-20-09

7

rev: 05-20-09

		List of Tier Tier 2	Highway	Secur	irity-S	ensit	itive ive N	Mater Materi	ials (Tier Ils (Tier 2 on Items	HSS	/	and	1			2								
	and a state of the	lighway Security Sensitive Mat								ortatio	on S	ecto	r Ne	twor	k Ma	anage	emer	nt Of	fice					
DOT Hazar		Threshold Quantity	HS		eneral		1000	rsonne						F	En-R	oute	Sec	urity	7					
(see 49 CFR for definition		unless otherwise noted see	SM	Se	curity		Se	ecurity	Author Access															
these hazard	a fear and the second	CFR 171.8 for definitions)	Tier 1 2	1 2	3	4	5	6 7	8 9	10	11	12	13	14	15	16	17	18	19	20	21	22 2	3	
n-Route Security:																		I						
10) Establish Comm	unications Plan.						ix	Chemic	ls listed un	ler this	desig	gnatic	on as	Chem	nicals	Weap	oons (Conve	ntion	1 are	expecte	d to be	e captur	ed un
11) Establish Approp	priate Vehicle Se	ecurity Program.					th	e previo	usly listed I	OT Ha	zard	Class	ses.]	They a	are lis	ted in	this .	Apper	ıdix a	as Ot	ther Ma	terials	for	
12) Establish Approp	priate Cargo Sec	urity Program.					cc	ompleter	ess and are	not inte	nded	to in	dicat	e a ne	w haz	zard c	lass.							
13) Implement a Sea	l/Lock Control I	Program.																						
14) High Alert Level	l Protocols.																							
15) Establish Securit	ty Inspection Pol	licy and Procedures.																						

- 16) Establish Reporting Policy and Procedures.
- 17) Shipment Pre-Planning, Advance Notice of Arrival, and Receipt of Confirmation Procedures.
- 18) Preplanning Routes.
- 19) Security for Trips Exceeding Driver Hours of Service.
- 20) Dedicated Truck.
- 21) Tractor Activation Capability.
- 22) Panic Button Capability.
- 23) Tractor and Trailer Tracking Systems

- ⁱ See 49 CFR 171.8 for the definition of materials poisonous by inhalation
 ⁱⁱ TSA recognizes the provisions for agricultural operations contained in 49 CFR 173.5
 ⁱⁱⁱ See 49 CFR 171.8 for the definition of subsidiary hazard
 ^{iv} See 49 CFR 171.8 for the definition of materials poisonous by inhalation
 ^v For a listing of desensitized explosives see the United Nations Recommendations on the Transport of
- Dangerous Goods, Volume I, 14th revised edition, paragraph 2.4.2.4.1, definitions ^{vi} See 49 CFR 171.8 for the definition of materials poisonous by inhalation ^{viii} See 49 CFR 171.8 for the definition of materials poisonous by inhalation ^{viii} See 49 CFR 171.8 for the definition of materials poisonous by inhalation

Source: TSA TSNM Highway & Motor Carrier Program

8

Document: SAI Rev1 Appendix B Final attachment 5-20-09