List of Tier 1 Highway Security-Sensitive Materials (Tier 1 HSSM) and Tier 2 Highway Security-Sensitive Materials (Tier 2 HSSM) with Corresponding Security Action Items

The list of Highway Security Sensitive Materials (HSSM) was prepared by the TSA Transportation Sector Network Management Office **DOT Hazard Class Threshold Quantity** HS General Un-**En-Route Security** Personnel Author (see 49 CFR 171.8 (unless otherwise noted see SM**Security** Security Access for definitions of 49 CFR 171.8 for definitions) 1 2 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Tier 3 4 21 | 22 | 23 these hazard classes) 1 2 Division 1.1 $X \mid X \mid X \mid X$ $X \mid X \mid X \mid X \mid X \mid X$ Any quantity **Explosives** Division 1.2 Any quantity **Explosives** X XX X X X X X Division 1.3 X X X $X \mid X \mid X$ $X \mid X$ Any quantity **Explosives** Not subject other than Division 1.4 Division 1.4 Explosives specified by UN number **Explosives** Division 1.4B Any quantity of the following explosives: UN No. 0361, 0365, **Explosives** 0255, 0267 Division 1.4S Any quantity of the following **Explosives** explosives: UN No. 0500, 0366, 0456, 0455, 0441 Any quantity of the following Division 1.4D explosives: UN No. 0289, 0104, **Explosives** 0237, 0440 X X X X X X XX Division 1.5 X X $X \mid X$ Any quantity **Explosives**

Source: TSA TSNM Highway & Motor Carrier Program

Document: TSA-080429-001 D1 App B HSSM List rev11a final 04-29-08.doc

List of Tier 1 Highway Security-Sensitive Materials (Tier 1 HSSM) and Tier 2 Highway Security-Sensitive Materials (Tier 2 HSSM) with Corresponding Security Action Items

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List of Tier 1 Highway Security-Sensitive Materials (Tier 1 HSSM) and Tier 2 Highway Security-Sensitive Materials (Tier 2 HSSM) with Corresponding Security Action Items

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rev: 04-29-08

Source: TSA TSNM Highway & Motor Carrier Program

Any quantity desensitized explosives

Class 3 Flammable

Liquids

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List of Tier 1 Highway Security-Sensitive Materials (Tier 1 HSSM) and Tier 2 Highway Security-Sensitive Materials (Tier 2 HSSM) with Corresponding Security Action Items

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Source: TSA TSNM Highway & Motor Carrier Program

Document: TSA-080429-001_D1 App_B_HSSM_List_rev11a_final_04-29-08.doc

material poisonous by inhalation^{vi})

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List of Tier 1 Highway Security-Sensitive Materials (Tier 1 HSSM) and Tier 2 Highway Security-Sensitive Materials (Tier 2 HSSM) with Corresponding Security Action Items

The list of Highway Security Sensitive Materials (HSSM) was prepared by the TSA Transportation Sector Network Management Office																										
DOT Hazard Class (see 49 CFR 171.8 for definitions of	Threshold Quantity (unless otherwise noted see 49 CFR 171.8 for definitions)		IS M						Personnel Security			n- thor cess	or En Route Security													
these hazard classes)	,	Ti 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 \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 9	Not Subject																							↓	<u> </u>	
Class ORM-D	Not Subject																							<u> </u>	↓	
Other Materials	Any quantity of chemicals listed by the Chemical Weapons Convention	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	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.

on Schedules 1, 2, or 3. ix

- 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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Source: TSA TSNM Highway & Motor Carrier Program

Document: TSA-080429-001_D1 App_B_HSSM_List_rev11a_final_04-29-08.doc

List of Tier 1 Highway Security-Sensitive Materials (Tier 1 HSSM) and Tier 2 Highway Security-Sensitive Materials (Tier 2 HSSM) with Corresponding Security Action Items

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DOT Hazard Class	Threshold Quantity	HS General		Personnel			_	n-	En-Route Security																
(see 49 CFR 171.8 for definitions of	(unless otherwise noted see	SM	Security			Security			Author Access																
these hazard classes)	49 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	23

En-Route Security:

- 10) Establish Communications Plan.
- 11) Establish Appropriate Vehicle Security Program.
- 12) Establish Appropriate Cargo Security Program.
- 13) Implement a Seal/Lock Control Program.
- 14) High Alert Level Protocols.
- 15) Establish Security Inspection Policy 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

viii See 49 CFR 171.8 for the definition of materials poisonous by inhalation

8

See 49 CFR 171.8 for the definition of materials poisonous by inhalation

TSA recognizes the provisions for agricultural operations contained in 49 CFR 173.5

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

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

vii See 49 CFR 171.8 for the definition of materials poisonous by inhalation

^{ix} Chemicals listed under this designation as Chemicals Weapons Convention are expected to be captured under the previously listed DOT Hazard Classes. They are listed in this Appendix as Other Materials for completeness and are not intended to indicate a new hazard class.