

Material Safety Data Sheet

WHMIS 	Protective Clothing 	TDG Road / Rail
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Section 1. Product Identification and Uses

Product Name	Asphalt Rub. U.C.Non paintable	CI#	Not applicable.
Synonyms	Not available.	DSL	Not available.
Chemical Name	Not applicable.	CAS #	Not applicable.
Chemical Formula	Chemical mixture.	Code	FSP 5998
Chemical Family	Organic/inorganic.	Molecular Weight	Not applicable.
Supplier	ABI Autobody Brands International 9419 East San Salvador Drive Ste 104 Scottsdale, AZ 85258	Emergency Number	CHEMTREC (24HR) 800-424-9300
Material Uses	Seals and protects exposed surfaces on automobiles.		


Section 2. Hazardous Ingredients

Name	CAS #	% by Weight	LC ₅₀ /LD ₅₀
1) Stoddard solvent	8052-41-3	5-15	ORAL (LD50): Acute: >8000 mg/kg [Rat]. VAPOR (LC50): Acute: >14100 ppm 4 hour(s) [Rat].
2) Petroleum Distillate	64742-88-7	5-15	VAPOR (LC50): Acute: 1400 ppm 4 hour(s) [Rat].
3) V.M.& P Naphtha	64742-89-8	5-15	VAPOR (LC50): Acute: 3400 ppm 4 hour(s) [Rat].
4) Toluene	108-88-3	5-15	ORAL (LD50): Acute: 5000 mg/kg [Rat]. DERMAL (LD50): Acute: 14000 mg/kg [Rabbit]. VAPOR (LC50): Acute: 8000 ppm 4 hour(s) [Rat].
5) Liquefied petroleum gas	68476-85-7	10-30	Not available.

Section 3. Physical Data

Physical State and Appearance	Viscous Liquid (Aerosol Concentrate).	Odor	Characteristic.
pH (1% Soln/Water)	Not applicable.	Taste	Not available.
Odor Threshold	1 ppm based on data for: Stoddard solvent	Color	Black.
Volatility	Not available.		
Evaporation Rate	Not available.		
Melting Point	Not available.		
Boiling Point	The lowest known value is 110.6°C (231.1°F) (Toluene).		
Density	0.940 - 0.980 (Water = 1)		
Vapor Density	Greater than 1 (Air = 1)		
Vapor Pressure	Not available.		
LogK_{ow}	Not available.		
Ionicity (Surface Active Agent)	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Conditions of Instability	No additional remark.		

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Dispersion Properties	Is not dispersed in water.
Solubility	Insoluble in water.

Section 4. Fire and Explosion Data

The Product is:	Extremely Flammable Aerosol
Auto-ignition Temperature	210°C (410°F) based on data for: Stoddard solvent.
Products of Combustion	These products are carbon oxides (CO, CO ₂), hydrogen sulphide and other toxic fumes.
Flash Points	The lowest known value is CLOSED CUP: 6°C (42.8°F). (Tagliabue.). (Toluene)
Flammable Limits	LOWER: 1% UPPER: 36%
Extinguishing Media	SMALL FIRE: Use DRY chemicals, CO ₂ , foam or water spray. LARGE FIRE: Use water fog. Cool containing vessels with water spray in order to prevent pressure build-up, autoignition or explosion. Avoid spreading burning liquid with water used to cool containers. Self-contained respiratory protection should be provided for firefighters.
Flammability	The flammability of an aerosol by WHMIS definition is determined by its flame-extension or its flashback. The flame-extension of this product is greater than 45 cm. FIRE CODE: Level 3 Aerosol (as per NFPA 30B). Do not use in the presence of open flame or spark. Do not place in hot water or near radiators, stoves or other sources of heat.
Risks of Explosion	Risks of explosion of the product in presence of mechanical impact: Do NOT subject aerosol cans to impact. Risk of explosion of the product in the presence of static discharge: Aerosol spray may be sensitive to static discharge due to flammable concentrate and flammable propellant. Vapours of this product may form a flammable/explosive mixture when vapours present are between the lower (1%) and upper (36%) flammable limits and come into contact with open flames, sparks or static discharge. Do NOT expose aerosol containers to open flames, heat or ignition sources. Container may explode if heated.



Section 5. Reactivity

Stability	The product is stable.
Hazardous Decomposition Products	These products are carbon oxides (CO, CO ₂), hydrogen sulphide and other toxic fumes.
Degradability	Not available.
Products of Degradation	Not available. Not available.
Corrosivity	No specific information is available in our data base regarding the corrosivity of this product in presence of various materials.
Reactivity	Avoid contact with strong oxidizing agents, strong acids and strong alkalis. Keep away from heat, sparks, open flame and all possible ignition sources.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.


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Section 6. Toxicological Properties

Routes of Entry	Ingestion. Inhalation. Skin contact. Eye contact.
TLV	<p>Stoddard solvent TWA: 100 CEIL: 125 (ppm) TWA: 575 CEIL: 720 (mg/m³)</p> <p>Petroleum Distillate TWA: 100 (ppm)</p> <p>V.M. & P Naphtha TWA: 400 (ppm)</p> <p>Toluene TWA: 50 CEIL: 150 (ppm) TWA: 375 CEIL: 560 (mg/m³)</p> <p>Liquefied petroleum gas TWA: 1000 CEIL: 1250 (ppm) TWA: 1800 CEIL: 2250 (mg/m³)</p> <p>Consult local authorities for acceptable exposure limits.</p>
Toxicity to Animals	<p>WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.</p> <p>Acute oral toxicity (LD50): >5000 mg/kg (Rat) (Stoddard Solvent). Acute oral toxicity (LD50): 5000 mg/kg (Rat) (Toluene). Acute dermal toxicity (LD50): > 5000 mg/kg (Rabbit) (Toluene). Acute toxicity of the vapor (LC50): >5000 ppm (Rat) (Stoddard Solvent). Acute toxicity of the vapor (LC50): 1400 ppm (Rat) (Petroleum Distillate). Acute toxicity of the vapor (LC50): 3400 ppm (Rat) (V.M. & P Naphtha). Acute toxicity of the vapor (LC50): >5000 ppm (Rat) (Toluene).</p>
Chronic Effects on Humans	Prolonged or repeated skin contact may lead to dermatitis.
Acute Effects on Humans	<p>EYE CONTACT: May cause irritation, redness and tearing.</p> <p>SKIN CONTACT: May cause irritation, defatting, drying and cracking of skin.</p> <p>INHALATION: Vapours may be irritating to nose, throat and respiratory tract. Excessive inhalation of vapours may cause Central Nervous System effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.</p> <p>INGESTION: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal. Can be fatal if inhaled or ingested. This product may irritate eyes and skin upon contact.</p>
Synergetic Products (Toxicologically)	Not available.
Irritation/Corrosivity	Not available.
Sensitization	Not available.
Carcinogenic Effects	Not available.
Toxic Effects on Reproduction	Not available.
Teratogenic Effects	Not available.
Mutagenic Effects	Not available.



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Section 7. Preventive Measures

Small Spill and Leak	Ventilate area and eliminate all sources of ignition. Keep away from heat. Absorb with an inert DRY material and place in an appropriate waste disposal container.	
Personal Protective Equipment	It is recommended to wear safety glasses, gloves (chemical resistant) and protective clothing, such as long sleeve shirt or coveralls.	
Large Spill and Leak	Not applicable for aerosol containers.	
Protective Clothing	Not applicable for aerosol containers.	
Engineering Controls	Use under well-ventilated conditions.	
Precautions	Contents under pressure. Container may explode if heated. Direct inhalation of spray may be harmful. Keep out of reach of children.	
Storage	Keep in a cool, well-ventilated place. Keep away from heat, open flame and sparks. Do not place in hot water or near radiator, stove or other sources of heat. Do not puncture or incinerate container or store at temperatures over 50°C or in direct sunlight.	
Handling	Do not use in the presence of open flame, sparks or ignition sources. Keep away from heat. Avoid breathing vapours or spray mists. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water.	
Waste Disposal	Recycle to process, if possible. Consult your local or regional authorities. Do not dispose in sewers. When container is empty, press button to release all pressure, then dispose of in garbage can.	
Special Shipping Information	None.	

Section 8. First Aid

Eye Contact	Flush eyes with plenty of running water for at least 15 minutes, lifting upper and lower lids, occasionally. Get medical attention.
Skin Contact	Wash thoroughly with soap and water. If irritation develops or persists, consult physician. Remove contaminated clothing and wash before reuse.
Hazardous Skin Contact	No additional information.
Slight Inhalation	Remove affected person to fresh air. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Get medical attention.
Hazardous Inhalation	No additional information.
Slight Ingestion	If swallowed, call physician or poison control centre immediately. DO NOT induce vomiting. Rinse mouth with water. Do not give anything by mouth to an unconscious person. Aspiration of material into lungs due to vomiting may cause chemical pneumonitis which can be fatal.
Hazardous Ingestion	No additional information.

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Section 9. MSDS Preparation

References Not available.

No additional remark.

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Emergency Phone: CHEMTREC (24HR) 800-424-9300

Responsible
Name/
Telephone No.

Classification

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Rail

Not applicable.

WHMIS WHMIS CLASS A: Compressed gas.
WHMIS CLASS B-5: Flammable aerosol.
WHMIS CLASS D-2B: Material causing other toxic effects (TOXIC).



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