



# Silver Shield®

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 05/13/2015

Date of Issue: 06/01/2015

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** Silver Shield®

**Product Code:** 7421

#### Intended Use of the Product

Asphalt-based, fibered aluminum coating. For professional use only

#### Name, Address, and Telephone of the Responsible Party

##### Manufacturer

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
www.garlandco.com

##### Supplier

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633

The Garland Company, Inc.  
209 Carrier Drive  
Toronto, Ontario M9W 5Y8  
T-416-747-7995 800-387-5991  
F-416-747-1980

#### Emergency Telephone Number

**Emergency Number:** 1-800-262-8200 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### Classification (GHS-US)

Flam. Liq. 3	H226
Asp. Tox. 1	H304
Eye Irrit. 2A	H319
Mutagenicity, 1B	H340
Carc., 1B	H350
Reproductive Tox. 2	H361
Aquatic Acute 1	H400
Aquatic Chronic 2	H411

#### Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS-US)



##### Signal Word (GHS-US)

##### Hazard Statements (GHS-US)

**Signal Word (GHS-US)** : Danger

**Hazard Statements (GHS-US)** :

- H226 – Flammable liquid and vapor.
- H304 – May be fatal if swallowed and enters airways
- H319 – Causes serious eye irritation.
- H332 – Harmful if inhaled.
- H340 – May cause genetic defects.
- H350 – May cause cancer.
- H361 – Suspected of damaging fertility or the unborn child.
- H400 – Very toxic to aquatic life.
- H411 – Toxic to aquatic life with long lasting effects.

**Precautionary Statements (GHS-US)** :

- P201 – Obtain special instructions before use.
- P202 – Do not handle until all safety precautions have been read and understood.
- P210 – Keep away from heat/sparks/open flames/hot surfaces. –no smoking.
- P233 – Keep container tightly closed.
- P240 – Ground/bond container and receiving equipment.
- P241 – Use explosion-proof electrical/ventilating/lighting equipment.
- P242 – Use only non-sparking tools.
- P243 – Take precautionary measures against static discharge.

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P264 – Wash hands, forearms, and other exposed areas thoroughly after handling.  
P273 – Avoid release to the environment.  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P303+P361+P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 – If exposed or concerned: Get medical advice/attention.  
P331 – Do NOT induce vomiting.  
P337+P313 – If eye irritation persists: Get medical advice/attention.  
P370+P378 – In case of fire: use appropriate media to extinguish.  
P391 – Collect spillage.  
P403+P235 – Store in a well-ventilated place. Keep cool.  
P405 – Store locked up.  
P501 – Dispose of contents/container according to local, regional, national, and international regulations.

### Other Hazards

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

### Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Petroleum Asphalt	(CAS No) 8052-42-4	30-35	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 Carc. 2, H351
Solvent Naphtha (petroleum), light arom.	(CAS No) 64742-95-6	20-25	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336
Stoddard Solvent	(CAS No) 8052-41-3	20-30	Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Aluminum	(CAS No) 7429-90-5	20-25	Comb. Dust, H232 Flam. Sol. 1, H228 Water-react. 2, H261
Naphtha, petroleum, hydrodesulfurized, heavy	(CAS No) 64742-82-1	8-10	Flam. Liq. 1, H224 Skin irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 Repr. 2, H361 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
1,3,5-Trimethylbenzene	(CAS No) 108-67-8	1-2	Flam. Liq. 3, H226 Acute Tox. 4, H334

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			Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 2, H411
Benzene, 1,2,4-trimethyl-	(CAS No) 95-63-6	1-2	Flam. Liq. 3, H226 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Cellulose	(CAS No) 9004-34-6	2.5-3.5	Comb. Dust, H232

Full text of H-Phrases: See Section 16

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

**First-aid Measures After Inhalation:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention. Asthmatic type symptoms may develop and may be immediate or delayed up to several hours. Treatment is essentially symptomatic.

**First-aid Measures After Skin Contact:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**First-aid Measures After Eye Contact:** Immediately flush eyes with plenty of tempered water (at least 15-20 minutes) lifting upper and lower eye lids occasionally. Get immediate medical attention.

**First-aid Measures After Ingestion:** If swallowed, do NOT induce vomiting. Give victim two glasses (16 ounces) of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

#### Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms/Injuries:** Causes eye irritation. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

**Symptoms/Injuries After Inhalation:** May cause irritation to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes eye irritation.

**Symptoms/Injuries After Ingestion:** May be fatal if swallowed and enters airways.

**Chronic Symptoms:** May cause cancer. May cause heritable genetic damage. Suspected of damaging fertility or the unborn child.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, carbon dioxide, dry chemical, or foam.

**Unsuitable Extinguishing Media:** Do not use extinguishing media containing water. Water or foam may cause frothing. Use of water on product above 100 °C (212 °F) can cause product to expand with explosive force.

#### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** This product is flammable.

**Explosion Hazard:** May form flammable/explosive vapor-air mixture.

**Reactivity:** Reacts with strong oxidants causing fire and explosion hazard.

#### Advice for Firefighters

**Firefighting Instructions:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>), Hydrocarbons.

#### Reference to Other Sections

Refer to section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing vapor, mist, spray. Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice.

#### **For Non-emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Responders**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Evacuate unnecessary personnel. Eliminate ignition sources. Stop leak if safe to do so. Prevent entry to sewers and public waters.

### **Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain with inert absorbent material.

**Methods for Cleaning Up:** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Do not take up in combustible material such as: saw dust or cellulosic material. Contact competent authorities after a spill

### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Precautions for Safe Handling:** Handle empty containers with care because residual vapors are flammable.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Keep in properly labeled containers. Keep tightly closed in a cool dry place. Use explosion-proof electrical, lighting, and ventilating equipment.

**Incompatible Materials:** Strong acids, strong bases. Strong oxidizers.

**Storage Area:** Store locked up. Store in a well-ventilated place.

### **Specific End Use(s)**

Aluminum Roof Coating

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

<b>Petroleum Asphalt (8052-42-4)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Mexico	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Mexico	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Ontario	OEL TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>

<b>Aluminum (7429-90-5)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
Mexico	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (dust)
Ontario	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> (dust)

<b>Benzene, 1,2,4-trimethyl- (95-63-6)</b>		
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	125 mg/m <sup>3</sup>

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USA NIOSH	NIOSH REL (TWA (ppm))	25 ppm
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<b>1,3,5-trimethylbenzene (108-67-8)</b>		
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	125 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	25 ppm

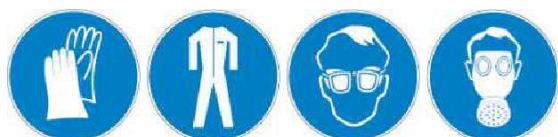
<b>Cellulose (9004-34-6)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA OSHA	OSHA PEL TWA (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
Mexico	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Mexico	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Ontario	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

<b>Stoddard Solvent (8052-41-3)</b>		
USA ACGIH	ACGIH TWA (ppm)	100 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (ceiling) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
USA IDLH	US IDLH (mg/m <sup>3</sup> )	20000 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	500 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	2900 mg/m <sup>3</sup>
Mexico	OEL TWA (mg/m <sup>3</sup> )	523 mg/m <sup>3</sup>
Mexico	OEL STEL (mg/m <sup>3</sup> )	1050 mg/m <sup>3</sup>
Ontario	OEL TWA (mg/m <sup>3</sup> )	525 mg/m <sup>3</sup>

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released. Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Hand Protection:** Protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

**Other Information:** When using, do not eat, drink, or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Silver
Odor	: Petroleum Distillates
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butyl acetate = 1)	: Not available
Melting Point	: Not available
Freezing Point	: Not available

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<b>Boiling Point</b>	: Not available
<b>Flash Point</b>	: 105°F (41°C)
<b>Auto-ignition Temperature</b>	: 540°F (282°C)
<b>Decomposition Temperature</b>	: Not available
<b>Flammability (solid, gas)</b>	: Not available
<b>Lower Flammable Limit</b>	: 0.8%
<b>Upper Flammable Limit</b>	: 6.0%
<b>Vapor Pressure</b>	: 5mmHg
<b>Relative Vapor Density at 68°F (20°C)</b>	: Not available
<b>Relative Density</b>	: Not available
<b>Specific Gravity</b>	: 0.95
<b>Solubility</b>	: Insoluble
<b>Partition coefficient: n-octanol/water</b>	: Not available
<b>Viscosity (Brookfield RV6, 20 RPM, 75°F)</b>	: Not available
<b>Explosion Data – Sensitivity to Mechanical Impact</b>	: Not available
<b>Explosion Data – Sensitivity to Static Discharge</b>	: Not available
<b>Volatile Organic Compounds</b>	: 400 g/L
<b>Volatiles</b>	: 44-50%

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Reacts with strong oxidants causing fire and explosion hazard.

**Chemical Stability:** Product is stable under recommended handling and storage conditions (see Section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Hydrocarbons.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information On Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** May cause genetic defects.

**Teratogenicity:** Not available

**Carcinogenicity:** May cause cancer.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

**Symptoms/Injuries After Ingestion:** May be fatal if swallowed and enters airways.

**Chronic Symptoms:** May cause cancer. May cause heritable genetic damage. Suspected of damaging fertility of the unborn child.

### Information on Toxicological Effects – Ingredient(s)

#### LD50 and LC50 Data

Petroleum Asphalt (8052-42-4)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg

Solvent Naphtha, petroleum, light aromatic (64742-95-6)	
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	3400 ppm (Exposure time: 4 h)

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<b>Stoddard Solvent (8052-41-3)</b>	
LD50 Oral Rat	>5 g/kg Behavioral somnolence
LD50 Dermal Rabbit	> 3 mg/kg

<b>Benzene, 1,2,4-trimethyl- (95-63-6)</b>	
LD50 Oral Rat	6000 mg/kg
LD50 Dermal Rabbit	> 3160 mg/kg
LC50 Inhalation Rat	18 g/m <sup>3</sup> (Exposure time: 4 h)

<b>1,3,5-trimethylbenzene (108-67-8)</b>	
LC50 Inhalation Rat	24 g/m <sup>3</sup> (Exposure time: 4 h)

<b>Cellulose (9004-34-6)</b>	
LD50 Oral Rat	>5000 mg/kg
LD50 Dermal Rabbit	>2000 mg/kg
LC50 Inhalation Rat	>5800 mg/m <sup>3</sup> (Exposure time: 4 h)

<b>Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)</b>	
LD50 Oral Rat	>5000 mg/kg
LD50 Dermal Rabbit	> 3160 mg/kg

### **Carcinogenicity Data:**

<b>Petroleum Asphalt (8052-42-4)</b>	
IARC Group	2B
National Toxicity Program (NTP) Status	Twelfth Report – Items under consideration

<b>Quartz, silica (14808-60-7)</b>	
IARC Group	1
National Toxicity Program (NTP) Status	Known Human Carcinogens

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity - Ingredients**

<b>1,3,5-trimethylbenzene (108-67-8)</b>	
LC50 Fish 1	3.48 mg/L (Exposure time: 96 h – Species: Pimephales promelas)

<b>Stoddard Solvent (8052-41-3)</b>	
EC50 Daphnia 1	0.42 mg/L

<b>Solvent Naphtha, petroleum, light aromatic (64742-95-6)</b>	
LC50 Fish 1	9.22 mg/L (Exposure time: 96 h – Species: Oncorhynchus mykiss)
EC50 Daphnia 1	6.14 mg/L (Exposure time: 48 h – Species: Daphnia magna)

<b>Benzene, 1,2,4-trimethyl- (95-63-6)</b>	
LC50 Fish 1	7.5 mg/L (Exposure time: 96 h)

### **Persistence and Degradability**

Not available

### **Bioaccumulative Potential – Product**

Not available

### **Bioaccumulative Potential – Ingredients**

<b>Petroleum Asphalt (8052-42-4)</b>	
BCF Fish 1	No bioaccumulation expected
Log Pow	> 6

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<b>Benzene, 1,2,4-trimethyl- (95-63-6)</b>	
Log Pow	3.63
<b>Stoddard solvent (8052-41-3)</b>	
Log Pow	3.16 (Octanol/water partition coefficient 3.16/7.06)

### Mobility in Soil

No additional information available

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Additional Information:** Prevent runoff from entering drains, sewers, or waterways.

## SECTION 14: TRANSPORT INFORMATION

### In Accordance with DOT

**Proper Shipping Name** : Non-Regulated Material per 49 CFR 173.150(f)

### In Accordance with IMDG

**Proper Shipping Name** : Tars, liquid

**Hazard Class** : 3

**Identification Number** : UN1999

**Packing Group** : III



### In Accordance with IATA

**Proper Shipping Name** : Tars, liquid

**Hazard Class** : 3

**Identification Number** : UN1999

**Packing Group** : III



### In Accordance with TDG

**Proper Shipping Name** : Not Regulated

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

#### **SARA Section 311/312 Hazard Classes**

Fire hazard

Immediate (acute) health hazard

Delayed (chronic) health hazard

#### **Petroleum Asphalt (8052-42-4)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

#### **Solvent Naphtha, petroleum, light aromatic (64742-95-6)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

#### **Benzene, 1,2,4-trimethyl- (95-63-6)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

**SARA Section 313 – Emission Reporting** 1.0%

#### **1,3,5-trimethylbenzene (108-67-8)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

**EPA TSCA Regulatory Flag** T – T – indicates a substance that is the subject of a Section 4 test rule under TSCA.



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### **Cellulose (9004-34-6)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

### **Aluminum (7429-90-5)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Listed on United States SARA Section 313

#### **SARA Section 313 – Emission Reporting**

1.0% (dust or fume only)

### **Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

### **Stoddard Solvent (8052-41-3)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

## **US State Regulations**

### **Petroleum Asphalt (8052-42-4)**

RTK – U.S. – Massachusetts – Right To Know List

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

### **Benzene, 1,2,4-trimethyl- (95-63-6)**

RTK – U.S. – Massachusetts – Right To Know List

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – Right To Know Environmental Hazard List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

### **Stoddard Solvent (8052-41-3)**

RTK – U.S. – Massachusetts – Right To Know List

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

### **1,3,5-trimethylbenzene (108-67-8)**

RTK – U.S. – Massachusetts – Right To Know List

### **Cellulose (9004-34-6)**

RTK – U.S. – Massachusetts – Right To Know List

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

### **Aluminum (7429-90-5)**

RTK – U.S. – Massachusetts – Right To Know List

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – Right To Know Environmental Hazard List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

## **Canadian Regulations**

### **Silver-Shield®**

WHMIS Classification

Class B Division 3 – Combustible liquid

Class D Division 2 Subdivision B – Toxic material

Class D Division 2 Subdivision A – Very toxic material causing other toxic effects

# Silver-Shield®

## Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

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### **Petroleum Asphalt (8052-42-4)**

Listed on the Canadian DSL (Domestic Substances List) Inventory

### **1,3,5-trimethylbenzene (108-67-8)**

Listed on the Canadian DSL (Domestic Substances List) Inventory

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 0.1%

WHMIS Classification      Class B Division 3 – Combustible Liquid

### **Stoddard Solvent (8052-41-3)**

Listed on the Canadian DSL (Domestic Substances List) Inventory

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1%

WHMIS Classification      Class B Division 3 – Combustible Liquid  
Class D Division 2 Subdivision B – Toxic material causing other toxic effects

### **Solvent Naphtha, petroleum, light aromatic (64742-95-6)**

Listed on the Canadian DSL (Domestic Substances List) Inventory

### **Benzene, 1,2,4-trimethyl- (95-63-6)**

Listed on the Canadian DSL (Domestic Substances List) Inventory

### **Naphtha, petroleum, hydrodesulfurized, heavy (64742-82-1)**

Listed on the Canadian DSL (Domestic Substances List) Inventory.

WHMIS Classification      Class D Division 2 Subdivision A – Very toxic material causing other toxic effects  
Class D Division 2 Subdivision B – Toxic material causing other toxic effects  
Class B Division 2 – Flammable Liquid

### **Aluminum (7429-90-5)**

Listed on the Canadian DSL (Domestic Substances List) Inventory

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1%

WHMIS Classification      Class B Division 6 – Reactive Flammable Material  
Class D Division 4 – Flammable Solid

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## **SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Revision date** : 05/13/2015

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### **Party Responsible for the Preparation of This Document**

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*This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.*

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