

**TREMCO ONE COAT ALUMINUM**Version 4.  
REVISION DATE: 09/28/2011

Print Date 10/05/2011

**SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION****Product Information**Trade name : TREMCO ONE COAT ALUMINUM  
Product code : 352561 805Supplier : Tremco Canada division  
220 Wicksteed Avenue  
Toronto, ON M4H 1G7Telephone : (416) 421-3300  
Emergency Phone: : (613) 996-6666**Preparation Information**Prepared by: : Sewnauth Raghunandan  
Date: : 09/28/2011  
Telephone : (416) 421-3300**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Aluminum. Liquid. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. May cause slight irritation to the respiratory system.

Eyes : Direct contact may cause moderate irritation. Direct contact may cause temporary redness and discomfort.

Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause moderate irritation. May cause itching, reddening, inflammation. May cause a rash. May cause sensitization.

**Aggravated Medical Conditions**

Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Prolonged or repeated skin contact with asphalt may result in skin sensitivity, such as irritation, rashes, and dermatitis. Prolonged or repeated exposure to polycyclic aromatic hydrocarbons and other volatiles which are contained in trace amounts in asphalt have been shown to cause cancer or respiratory damage in animals. Prolonged inhalation of mica airborne dust can produce scar tissue in the lungs. Mica is a filler that is encapsulated by resin and is not expected to have adverse effects unless made airborne. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Prolonged or repeated exposure to mineral spirits (petroleum naphtha or stoddard solvent) may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, and adverse liver, kidney, and lung effects.

**Target Organs:** Skin, Eye, Lung, Liver, Kidney, Nerve

**SECTION 3 : HAZARDOUS INGREDIENTS**

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Chemical Name	CAS-No.	Weight % Range
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Stoddard solvent (Mineral Spirits)	8052-41-3	30.0 - 60.0
Asphalt	8052-42-4	30.0 - 60.0
Aluminum	7429-90-5	15.0 - 40.0
Amorphous silica	7631-86-9	3.0 - 7.0
Mica	12001-26-2	1.0 - 5.0
1,2,4-Trimethylbenzene	95-63-6	0.5 - 1.5
1,3,5-Trimethylbenzene	108-67-8	0.1 - 1.0

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

### SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation	:	Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact	:	Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
Skin contact	:	Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	:	Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

### SECTION 5: FIRE / EXPLOSION HAZARDS

Flash point	:	105 F, 41 C
Method	:	Tag Closed Cup
Lower explosion limit	:	0.90 %(V) Solvent
Upper explosion limit	:	7 %(V) Solvent
Autoignition temperature	:	Not available.
Extinguishing media	:	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products	:	Smoke, fumes. Carbon monoxide and carbon dioxide can form. Oxides of sulfur can form.
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions	:	Product may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Vapor concentrations in enclosed areas may ignite explosively. Empty containers may contain ignitable vapors.

### SECTION 6 - SPILLS / LEAKS / ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.

### SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when

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not in use. Precautions also apply to emptied containers. Do not smoke, weld, generate sparks, or use flame near container. Do not use in confined or poorly ventilated areas. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Store under dry warehouse conditions away from heat and all ignition sources.

**SECTION 8 - PREVENTIVE MEASURES/EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal protection equipment**

- Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing.
- Protective measures : Use professional judgment in the selection, care, and use. Inspect and replace equipment at regular intervals.
- Engineering measures : Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Stoddard solvent (Mineral Spirits)	8052-41-3	Ontario TWAEV: ACGIH TWA:	525 mg/m3 100 ppm	
Asphalt	8052-42-4	ACGIH TWA: Ontario TWAEV: benzene solubles benzene solubles	0.5 mg/m3 0.5 mg/m3	Inhalable fraction.as Inhalable fumeas
Aluminum	7429-90-5	Ontario TWAEV: Ontario TWAEV: Ontario TWAEV: ACGIH TWA:	10 mg/m3 5 mg/m3 5 mg/m3 1 mg/m3	Dust. Dust. Welding fume.as Al Respirable fraction.
Amorphous silica	7631-86-9	Ontario TWAEV: Ontario TWAEV: ACGIH TWA: ACGIH TWA: Ontario TWAEV:	3 mg/m3 10 mg/m3 3 mg/m3 10 mg/m3 10 mg/m3	Respirable particles. Inhalable particulate. Respirable particles. Inhalable particles.
Mica	12001-26-2	Ontario TWAEV: ACGIH TWA:	3 mg/m3 3 mg/m3	Respirable. Respirable fraction.
1,2,4-Trimethylbenzene	95-63-6	Ontario TWAEV: ACGIH TWA:	123 mg/m3 25 ppm	



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Chemical Name	CAS Number	Regulation	Limit	Form
1,3,5-Trimethylbenzene	108-67-8	Ontario TWAEV: ACGIH TWA:	123 mg/m3 25 ppm	

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical State : Liquid  
 Form : Liquid  
 Color : Aluminum  
 Odor : Petroleum  
 pH : Not available.  
 Vapour pressure : Not available.  
 Vapor density : Heavier than air  
 Melting point/range : Not available.  
 Freezing point : Not available.  
 Boiling point/range : 311 °F, 155 °C  
 Water solubility : Negligible  
 Evaporation Rate: : Not available.  
 Specific Gravity : 1.001  
 % Volatile Weight : 39 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid : Oxidizing agents.  
 Stability : Material is stable under normal storage, handling, and use.  
 Hazardous polymerization : Will not occur under normal conditions.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Amorphous silica, CAS-No.: 7631-86-9  
 Acute oral toxicity (LD-50 oral) 22,500 mg/kg ( Rat ) 15,000 mg/kg ( Mouse )

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - WASTE DISPOSAL CONSIDERATIONS**

RCRA Class : D001: Reportable Quantity = 100 lbs. (Characteristic of ignitability)  
 This classification applies only to the material as it was originally produced.  
 Disposal Method : Dispose as hazardous waste according to all local, state, federal and provincial



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regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

**TDG / DOT Shipping Description:**

NOT REGULATED

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**Canadian Regulations:**

WHMIS Classification : B3, D2A, D2B

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

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

**Other Regulations:**

Regulatory VOC (less water and exempt solvent) : 396 g/l

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	2
Flammability	2
Reactivity	1
PPE	

- 0 = Minimum
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Sewnauth Raghunandan**

**Legend**

- ACGIH - American Conference of Governmental Hygienists
- DOT - Department of Transportation
- DSL - Domestic Substance List
- EPA - Environmental Protection Agency
- HMIS - Hazardous Materials Information System
- IARC - International Agency for Research on Cancer
- MSHA - Mine Safety Health Administration
- NDSL - Non-Domestic Substance List
- NIOSH - National Institute for Occupational Safety and Health
- OSHA - Occupational Safety and Health Administration
- PEL - Permissible Exposure Limit
- RCRA - Resource Conservation and Recovery Act
- STEL - Short Term Exposure Limit
- TLV - Threshold Limit Value
- TSCA - Toxic Substances Control Act
- TWA - Time Weighted Average
- V - Volume
- VOC - Volatile Organic Compound



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NTP - National Toxicology Program

WHMIS - Workplace Hazardous Materials Information System