

**ALUMINUM MASTIC - 3 GL**Version 1.  
REVISION DATE: 05/11/2010

Print Date 05/11/2010

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : ALUMINUM MASTIC - 3 GL  
Product code : 360700 803

COMPANY : Tremco Incorporated  
3735 Green Road  
Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST  
Emergency Phone: : (216) 765-6727 8:30 - 5:00 EST  
After Hours: Chemtrec 1-800-424-9300

Product use : Coating

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Aluminum. Liquid. May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. 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 moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue.

Eyes : Vapor and/or mist may cause eye irritation. Direct contact may cause temporary redness and discomfort.

Ingestion : May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause moderate irritation.

**Aggravated Medical Conditions**

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

**Chronic Health Effects**

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. The International Agency for Research on Cancer (IARC) has classified ceramic fiber, fibrous glasswool, and mineral wool (rockwool and slagwool) as possible human carcinogens (Group 2B) based on sufficient evidence of carcinogenicity in animals but insufficient data in humans. In the National Toxicology Program's (NTP) 7th Annual Report on Carcinogens (1994), respirable glasswool was classified as reasonably anticipated to be carcinogenic. OSHA considers fibrous glass dust a nuisance dust. Fibrous glass can cause dermatitis, local irritation. Prolonged and repeated exposure to excessive airborne concentrations of talc can result in scarring of the lungs (pneumoconiosis) or the covering of the lungs (pleural thickening). 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, Reproductive

## ALUMINUM MASTIC - 3 GL

Version 1.

Print Date 05/11/2010

REVISION DATE: 05/11/2010

### SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Asphalt	8052-42-4	30.0 - 60.0
Stoddard solvent (Mineral Spirits)	8052-41-3	15.0 - 40.0
Talc	14807-96-6	10.0 - 30.0
Aluminum	7429-90-5	10.0 - 30.0
Magnesite	546-93-0	5.0 - 10.0
Fibrous Glass	65997-17-3	3.0 - 7.0
Inert Filler	NJ TSRN# 51721300-5013P	3.0 - 7.0

### SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation	:	Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. 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 FIGHTING MEASURES

Flash point	:	105 °F, 41 °C
Method	:	Tag Closed Cup
Lower explosion limit	:	0.9 %(V) Solvent
Upper explosion limit	:	6.7 %(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. Nitrogen oxides can form.
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water may be used to cool containers to minimize pressure build-up.
Fire and explosion conditions	:	Vapor concentrations in enclosed areas may ignite explosively. Product may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Closed container, may burst when exposed to extreme heat. Empty containers may contain ignitable vapors.

## ALUMINUM MASTIC - 3 GL

Version 1.  
REVISION DATE: 05/11/2010

Print Date 05/11/2010

### SECTION 6 - 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 not in use. Precautions also apply to emptied containers. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, non-explosion proof motors and electrical equipment until vapors dissipate. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Keep container closed when not in use. Vapor may migrate to sources of ignition. Do not smoke, weld, generate sparks, or use flame near container. Store in sealed containers in a cool, dry, ventilated warehouse location.

### SECTION 8 - 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.
- 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

Chemical Name	CAS Number	Regulation	Limit	Form
Asphalt	8052-42-4	ACGIH TWA: benzene solubles	0.5 mg/m <sup>3</sup>	Inhalable fraction.as
Stoddard solvent (Mineral Spirits)	8052-41-3	ACGIH TWA: OSHA PEL:	100 ppm 2,900 mg/m <sup>3</sup>	
Talc	14807-96-6	ACGIH TWA: OSHA TWA: OSHA TWA: OSHA PEL: OSHA PEL:	2 mg/m <sup>3</sup> 0.1 mg/m <sup>3</sup> 0.3 mg/m <sup>3</sup> 15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	Respirable fraction. Respirable. Total dust. Total dust. Respirable fraction.

## ALUMINUM MASTIC - 3 GL

Version 1.

Print Date 05/11/2010

REVISION DATE: 05/11/2010

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Aluminum	7429-90-5	OSHA PEL: OSHA PEL: OSHA TWA: OSHA TWA: ACGIH TWA:	15 mg/m3 5 mg/m3 15 mg/m3 5 mg/m3 1 mg/m3	Total dust.as Al Respirable dust.as Al Total dust. Respirable fraction. Respirable fraction.
Magnesite	546-93-0	ACGIH TWA: OSHA PEL: OSHA PEL: OSHA TWA: OSHA TWA:	10 mg/m3 5 mg/m3 15 mg/m3 15 mg/m3 5 mg/m3	Respirable fraction. Total dust. Total dust. Respirable fraction.
Fibrous Glass	65997-17-3	ACGIH TWA:	5 mg/m3	Inhalable fraction.
Inert Filler	NJ TSRN# 51721300-5013P	ACGIH TWA: OSHA PEL: OSHA PEL: OSHA TWA: OSHA TWA:	10 mg/m3 5 mg/m3 15 mg/m3 15 mg/m3 5 mg/m3	Respirable fraction. Total dust. Total dust. Respirable fraction.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Color	: Aluminum
Odor	: Aromatic Solvent
pH	: Not available.
Vapour pressure	: Not available.
Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Negligible
Specific Gravity	: 1.13
% Volatile Weight	: 26 %

### SECTION 10 - REACTIVITY / STABILITY

Substances to avoid	: Oxidizing agents.Strong acids.Strong bases.
Stability	: Stable under normal conditions. Avoid welding arcs, flames or other high temperature sources.
Hazardous polymerization	: Will not occur.

**ALUMINUM MASTIC - 3 GL**

 Version 1.  
 REVISION DATE: 05/11/2010

Print Date 05/11/2010

**SECTION 11 - TOXICOLOGICAL INFORMATION**

No Data Available

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - 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 : Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state and local 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.

**U.S. Federal Regulations:**

SARA 313 Components : Aluminum 7429-90-5

 SARA 311/312 Hazards : Acute Health Hazard  
 Fire Hazard

## OSHA Hazardous Components :

Asphalt	8052-42-4
Stoddard solvent (Mineral Spirits)	8052-41-3
Talc	14807-96-6
Aluminum	7429-90-5
Magnesite	546-93-0
Fibrous Glass	65997-17-3
Inert Filler	NJ TSRN# 51721300-5013P

 OSHA Status: Considered : Irritant  
 hazardous based on the  
 following criteria:

OSHA Flammability : II



**ALUMINUM MASTIC - 3 GL**

Version 1.

Print Date 05/11/2010

REVISION DATE: 05/11/2010

Regulatory VOC (less water and exempt solvent) : 295 g/l

VOC Method 310 : 26 %

**U.S. State Regulations:**

MASS RTK Components : Asphalt 8052-42-4  
 Stoddard solvent (Mineral Spirits) 8052-41-3  
 Talc 14807-96-6  
 Aluminum 7429-90-5  
 Magnesite 546-93-0  
 Fibrous Glass 65997-17-3  
 Inert Filler NJ TSRN# 51721300-5013P

Penn RTK Components : Asphalt 8052-42-4  
 Stoddard solvent (Mineral Spirits) 8052-41-3  
 Talc 14807-96-6  
 Aluminum 7429-90-5  
 Magnesite 546-93-0  
 Fibrous Glass 65997-17-3  
 Inert Filler NJ TSRN# 51721300-5013P

NJ RTK Components : Asphalt 8052-42-4  
 Stoddard solvent (Mineral Spirits) 8052-41-3  
 Talc 14807-96-6  
 Aluminum 7429-90-5  
 Magnesite 546-93-0  
 Fibrous Glass 65997-17-3

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

**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: Rich Mikol**

**Legend**

ACGIH - American Conference of Governmental Hygienists  
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

PEL - Permissible Exposure Limit  
 RCRA - Resource Conservation and Recovery Act



**ALUMINUM MASTIC - 3 GL**

Version 1.

Print Date 05/11/2010

REVISION DATE: 05/11/2010

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  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration

RTK - Right To Know  
SARA - Superfund Amendments and Reauthorization 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  
WHMIS - Workplace Hazardous Materials Information System