

SECTION 1 - PRODUCT IDENTIFICATION

Name: Shur-Shot FAS-STEEL 4 Part #:ML017
 Generic Name: Mercaptan **Emergency Phone: 1-800-721-2448**
 Manufacturer: Metalink Polymer and Adhesives, P. O. Box 0851, Buna TX 77612-0851 Phone: 1-800-721-2448
Distributed by: IBS, INCORPORATED, P.O. Box 1717, Auburn, WA 98071 Phone: 1-800-678-1906

NFPA: HEALTH: 3, FLAMMABILITY: 1, REACTIVITY: 0, SPECIAL:

SECTION 2 - INGREDIENTS

Chemical Name	CAS No.	WT%	PEL	TLV	LD50(mg/kg)		LC50(ppm)
					ppm	Oral	Dermal
Mercaptan Polymer 2,4,6-Tri(dimethylaminomethyl)	NJTSRN679485+	35%	N.E.	N.E.	N.E.	N.E.	N.E.
Phenol	90-72-2	5.0%	N.E.	N.E.	N.E.	N.E.	N.E.
Aliphatic glycidyl ether	30499-70-8	5.0%	N.E.	N.E.	N.E.	N.E.	N.E.
Bisphenol - A Epoxy resin	23068-38-6	20.0%	N.E.	N.E.	N.E.	N.E.	N.E.
Silicon Dioxide (quartz)	14808-60-7	10.0%	.1mg/m3	.1mg/m3	N.E.	N.E.	N.E.

SECTION 3 - PHYSICAL DATA

BASE

Boiling Range (F): 390°F **Vapor Pressure (mm Hg):**.0001 **Vapor Density (air=1)** Heavier than air
Physical Description: Grey gritty paste with mercaptan odor
Solubility in Water: Negligible (<0.1%) **pH:** N/A
Specific Gravity (H2O=1): 1.663 **Melting Point:** NE **Evaporation Rate (Butyl Acetate=1):**Slower

SECTION 4 - FIRE AND EXPLOSION DATA

Flash point(Pensky-Marten) 200°F.
Extinguishing media-Alcohol Foam, Co2 Dry Chemical Foam Water Fog
Explosive limits LEL UEL (%V in air)
 N/A N/A

Special fire fighting procedures: Use NIOSH approved self-contained breathing apparatus and full protective clothing. Use water to coll exposed containers. Water stream directed into fire may cause frothing with subsequent spread of flame.

Unusual fire and explosion hazards: Finely divided dust in air presents explosion hazard. Prevent dust buildup. Closed containers may rupture or explode when exposed to extreme heat. Irritating and/ot toxic gases or fumes may be generated by thermal decomposition or conmbustion.

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Not Applicable
Incompatibility (materials to avoid): Strong bases or oxidants. Strong Lewis or mineral acids
Hazardous Decomposition Products:Irritating aldehydes and keytones. Oxides of carbon and sulfur. Phenolic compounds. Aldehydes and acids from incomplete combustion. Phenols. Various Hydrocarbons.
Hazardous Polymerization: Will not occur

SECTION 6 - HEALTH HAZARDS

Effects of Overexposure (Acute and Chronic):

Eyes: Severe irritant. Corrosive. contact causes severe eye burns.
Skin: Severe irritant. Corrosive. May cause chemical burns and blister. Strong skin sensitizer. May be absorbed in harmful amounts. Preexisting conditions may be aggravated by exposure to hazardous components.
Inhalation: May cause irritation of respiratory tract. Preexisting conditions may be aggravated by exposure to hazardous components.
Ingestion: May causenausea and vomiting. Irritating to mouth, throat and stomach, with nausea. Ingestion may cause fatigue, muscular weakness, labored breathing. Slightly toxic.

HEALTH HAZARDS CONTINUED

Studies suggest that chronic overexposure and/or systemic effects are targeted at the liver and kidneys. This product contains encapsulated silicon dioxide (quartz, silica). No exposure to free respirable silica is anticipated during normal use of this product. It should be noted, however, that free respirable silica has been listed as a suspected human carcinogen by NTP and IARC. Inhalation of free respirable silica may cause silicosis or other serious delayed lung injury. Silica may be released by grinding or machining of coated materials. Use NIOSH approved dust/mist respirator when grinding or machining coated items.

Emergency and First Aid Procedures:

Eye contact: Flush with plenty of water at least 15 minutes. Obtain immediate medical attention.

Skin contact: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Call physician.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Administer artificial respiration if not breathing. Obtain medical attention.

Ingestion: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get Medical attention immediately.

SECTION 7 - STORAGE AND HANDLING DATA

Steps to be taken if material is spilled or released: Ventilate area. Wear appropriate protective equipment during cleanup. Contain spill. Absorb with inert material. Sweep or shovel into containers with lids. Cover loosely and remove to appropriate waste area. Wash spill area with soap and water.

Waste Disposal Method: Review local, state, & federal regulations concerning health and pollution for appropriate disposal procedures.

Handling: Avoid contact with skin and eyes. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. FOR INDUSTRIAL USE ONLY.

Storage: Keep out of Children.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: If the TLV is exceeded, if use is performed in a poorly ventilated confined space or area with limited ventilation, use a NIOSH approved respirator in accordance with 29 CFR 1910.134. Use NIOSH-approved respirator for dusts and mists when grinding or machining cured compound.

Use self-contained breathing apparatus if material is to be sprayed or when burning out cured compound.

Ventilation: Local Exhaust: To maintain vapor /dust levels below TLV

Protective Clothing or Equipment: Chemical safety goggles, Rubber, nitrile or neoprene Gloves. Clean clothing to cover arms.

Work/Hygienic Practices: Avoid direct contact with skin/eyes. Wear protective safety equipment as necessary to minimize contact. Wash hands with soap and water and launder contaminated clothing before reuse.

SECTION 9 - REGULATORY DATA

REPORTING

CERCLA REPORTABLE QUANTITY: As product: NONE As waste: NONE

SARA TITLE III EMERGENCY RESPONSE REPORTABLE QUANTITY: NONE

SARA TITLE III INVENTORY REPORTING (Y/N): Y

SARA TITLE III HAZARD CLASS(ES): Immediate Health Hazard, Chronic Health Hazard

COMPONENTS OF TSCA INVENTORY (Y/N): N

The information for this MSDS was obtained from sources we believe are reliable. However, this information is provided without any representation or warranty, expressed or implied, regarding accuracy and correctness. The conditions or methods of handling, storage, use and disposal of the product area beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability or loss, damage or expense arising from it or in any way connected with the handling, use and storage of the product. METALINK POLYMERS AND ADHESIVES and / or IBS INCORPORATED assumes no responsibility for personal injury or property damage to vendees, user or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.