

SECURITY COAT

Product: 738

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Tech international
200 East Coshocton Street
P.O. Box 486
Johnstown, Ohio 43031.

Manufacturer emergency phone number: Chemtrec 800-424-9300.
International: 703-527-3887.

Supplier: Same as manufacturer.

Product name: Security coat (MSDS #738)

Product uses: Tire repair sealer.

Catalog number(s): 738, 738-G

Effective date: 2010/03/08

Revision No.: 7

Last review: 2010/03/08

HMIS
H 1
F 0
R 0
PPE Sec. 8

NFPA:



Section 2 : INGREDIENT INFORMATION

C.A.S.	Concentration% wgt/wgt	Ingredient Name	OSHA-PEL TWA	OSHA-PEL STEL	ACGIH-TLV TWA	ACGIH-TLV STEL	NIOSH REL TWA	NIOSH REL STEL	NIOSH IDLH
67-56-1	< 0.15	METHYL ALCOHOL	200 PPM	NOT AVAILABLE	200 PPM	250 PPM	200 PPM	250 PPM	
96-33-3	< 0.02	METHYL ACRYLATE	10 PPM (SKIN)		10 PPM (SKIN)				
	24	POLYMER							

Section 3 : HAZARD IDENTIFICATION

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: May cause irritation.
May cause redness and tearing.
May cause stinging.
May cause swelling.

Skin contact: May cause mild irritation.
May cause drying and cracking.
May cause redness or burning sensation.

Inhalation: Not a likely route of entry.

Ingestion: May cause nausea, vomiting and diarrhea.
May cause gastro-intestinal irritation.
No hazard known for ingestion of small quantities.

Effects of chronic exposure: May affect the central nervous system.
May cause kidney effects.
May cause liver effects.

Section 4 : FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash with mild soap and water.
Consult a physician if irritation persists.

Eye contact: Flush with water for at least 15 minutes, holding eyelids open with fingers.
Consult a physician if irritation persists.

Inhalation: No first aid should be needed.

Ingestion: Get medical attention immediately.
Induce vomiting by giving two glasses of water.
Never give anything by mouth to an unconscious person.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Not flammable.

Conditions of flammability: Surrounding fire.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Water

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature: Not available.

Flash point (°C), method: None

Lower flammability limit (% vol): Not available.

Upper flammability limit (% vol): Not available.

Explosion Data

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Hazardous combustion products: Oxides of carbon (CO, CO₂).
Various hydrocarbons.

Rate of burning: Not available.

Explosive power: Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Absorb spill with an inert absorbent material.
Dike area to prevent spreading.
Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Transfer to an approved container for disposal.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: Avoid breathing vapors/mists.
Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Avoid contact with skin, eyes and clothing.
Do not puncture, incinerate, or burn.
Launder contaminated clothing prior to reuse.
Do not ingest.

Storage requirements: Store at room temperature.
Keep from freezing.
Store away from strong acids or oxidizers.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Chemical resistant gloves.
Polyvinyl alcohol gloves.
Nitrile gloves.

Respiratory/Type: None normally required.

Eye/Type:



Splash proof chemical goggles.

Footwear/Type: As per local regulations.

Clothing/Type: As required to prevent skin contact.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Explosion proof ventilation equipment.
Local exhaust and/or general ventilation.
Provide sufficient mechanical ventilation to maintain exposure below TLV.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Mild solvent odor.
Slightly viscous.
Light gray.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): Not available.

Vapour density (air=1): >1

Volatiles (%)

By volume: 0.12

**Evaporation rate
(butyl acetate = 1):** Slower than ether.

Boiling point (°C): @ 760 mm Hg.
100 (212°F)

Freezing point (°C): Not available.

pH: 8.9

Specific gravity @ 20 °C: (water = 1).
0.99

Solubility in water (%): Not available.

Coefficient of water\oil dist.: Not available.

VOC: (lb/gal).
0.009

Section 10 : STABILITY AND REACTIVITY

Chemical stability: Product is stable.

Conditions of instability: None known.

Hazardous polymerization: Will not occur.

Incompatible substances: Strong acids.
Strong oxidizing agents.

**Hazardous decomposition
products:** See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available for mixture, see the ingredients section.

Exposure limit of material: Not available for mixture, see the ingredients section.

Sensitization to product: Not available.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.
Synergistic materials: Not available.

Section 12 : ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.
Environmental fate: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.

Section 14 : TRANSPORT INFORMATION

DOT: Not regulated.
Special shipping information: See transportation information.

Section 15 : REGULATORY INFORMATION

USA Regulatory Information

SARA hazard categories sections 311/312: Not available.

SARA Section 313: None

CERCLA reportable quantity: Not available.

TSCA inventory: All ingredients are listed on the TSCA inventory.

Section 16 : OTHER INFORMATION

Data prepared by: Global Safety Management
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