

TREMCO INC -- VULKEM 921

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MSDS Safety Information

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FSC: 8030  
NIIN: 01-234-2187  
MSDS Date: 12/16/1996  
MSDS Num: CJTBP  
Product ID: VULKEM 921  
MFN: 01  
Responsible Party  
Cage: 94529  
Name: TREMCO INC  
Address: 4475 E 175TH ST  
City: CLEVELAND OH 44128  
Info Phone Number: 216-75  
2-4400  
Emergency Phone Number: 800-424-9300 (CHEMTREC)  
Chemtrec IND/Phone: (800)424-9300  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary

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Cage: 94529  
Name: TREMCO INC  
Address: 4475 E 175TH ST  
City: CLEVELAND OH 44128  
Phone: 216-752-4400

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Item Description Information

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Item Manager: G13  
Item Name: SEALING COMPOUND  
Unit of Issue: EA  
UI Container Qty: 1

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Ingredients

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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data

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Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION AND ALLERGIC REACTION. MAY AFFECT THE BRAIN CAUSING DIZZINESS, HEADACHE OR NAUSEA. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL EXPOSURE

TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL. SOME COLORS CONTAIN CARBON BLACK WHICH IARC LISTS AS A CARCINOGEN.

Signs And Symptoms Of Over

exposure: SEE HEALTH HAZARDS.

First Aid: INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION AND GET MEDICAL ATTENTION. EYE: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. WASH CLOTHING BEFORE REUSE. INGESTION: GET MEDICAL ATTENTION IMMEDIATELY. NOTE: IF ANY CONDITIONS PERSIST/OCCUR LATER, CONSULT A PHYSICIAN AND HAVE MSDS AND/OR LABEL INFORMATION AVAILABLE.

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## Handling and Disposal

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Spill Release Procedures: ELIMINATE SOURCE IF SAFE TO DO SO. ABSORB WITH INERT MATERIAL OR ALLOW TO HARDEN AND SCRAPE UP. TAKE PROPER PRECAUTIONS THOROUGHOUT.

Waste Disposal Methods: INCINERATE OR LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: PROTECT AGAINST PHYSICAL DAMAGE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

STORE AWAY FROM HEAT, SPARKS AND FLAME.

AVOID CONTACT WITH EYES, SKIN AND CLOTHING USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPORS. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL/COMMERCIAL USE ONLY.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. (NPCA): 2,2,1.

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## Fire and Explosion Hazard Information

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Flash Point Method: SCC

Flash Point: =90.6C, 195.F

Extinguishing

g Media: WATERSPRAY, WATERFOG, DRY CHEMICAL, CO\*2, FOAM (TREAT AS A CLASS B FIRE).

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). USE WATERSPRAY TO COOL CLOSED CONTAINERS. SHIPPING DESCRIPTION: (NON-HAZARDOUS) & AIR/OCEAN INTERNATIONAL: (NON-HAZARDOUS) CAULKING COMPOUND.

Unusual Fire/Explosion Hazard: SOLVENT VAPORS ARE HEAVIER THAN AIR AND MAY FLOW ALONG SURFACES TO A SOURCE OF IGNITION AND FLASH BACK. TOXIC GASES MAY OCCUR AS DECOMPO

SITION PRODUCTS. REACTION WITH WATER PRODUCES CARBON DIOXIDE WHICH COULD CAUSE PRESSURE TO BUILD UP IN A CONTAINER. PRESSURE MAY ALSO BUILD IN CLOSED CONTAINERS IF HEATED.

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Control Measures

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Respiratory Protection: USE WITH ADEQUATE VENTILATION. NIOSH APPROVED RESPIRATORS WITH ORGANIC VAPOR CARTRIDGES OR SELF CONTAINED BREATHING APPARATUS MAY BE USED IN CONFINED AREAS. FOLLOW RE  
SPIRATOR SUPPLIER'S  
RECOMMENDATIONS AND DIRECTIONS FOR USE. INDIVIDUALS WITH LUNG OR BREATHING PROBLEMS OR PRIOR REACTION TO ISOCYANATES MUST NOT BE EXPOSED TO VAPORS OR SPRAY MIST.

Ventilation: LOCAL EXHAUST OR GENERAL MECHANICAL SUFFICIENT TO PREVENT ACCUMULATION OF FUMES AND VAPORS.

Protective Gloves: OIL RESISTANT GLOVES SUCH AS BUNA-N, PLASTIC, OR RUBBER.

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPROVED EYE WASH AND DELUGE SHOWER (FP N).

PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: PHYSICAL AND CHEMICAL PROPERTIES: WEIGHT PER GALLON: 9-11 LBS/GAL TYPICAL.

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Physical/Chemical Properties

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Boiling Point: >121.1C, 250.F

Vapor Density: HVR/AI

Spec Gravity: 1.08-1.32 (FP N)

Evaporation Rate & Reference: SLOTHERTHAN ETHER.

Percent Volatiles by Volume: <5% WEIGHT

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: SEE HANDLING AND STORAGE PRECAUTIONS SECTION.

Materials To Avoid: WATER, ALCOHOLS, STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES.

Hazardous Decomposition Products: PRODUCTS OF COMBUSTION MAY INCLUDE: NITROGEN OXIDES, CARBON MONOXIDE, CARBON DIOXIDE, HYDR

OGEN CYANIDE.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information

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Regulatory Information

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Sara Title III Information: SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE  
III SECTION 313 (40 CFR 372): NONE MAR  
KED IN INGREDIENTS SECTION.

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Transportation Information

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Responsible Party Cage: 94529  
Trans ID NO: 150554  
Product ID: VULKEM 921  
MSDS Prepared Date: 12/16/1996  
Review Date: 12/06/1999  
MFN: 1  
Multiple KIT Number: 0  
Unit Of Issue: EA  
Container QTY: 1

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Detail DOT Information

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DOT  
PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT R

EGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label

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Product ID: VULKEM 921

Cage: 94529

Company Name: TREMCO INC

Street: 4475 E 175TH ST

City: CLEVELAND OH

Zipcode: 44128

Health Emergency Phone: 800-424-9300 (CHEMTREC)

Label Required IND: Y

Date Of Label Review: 10/13/1999

Status Code: A

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE! ACUTE: MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. MAY AFFECT THE BRAIN CAUSING DIZZINESS, HEADACHE OR NAUSEA. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL. CHRONIC: MAY CAUSE EYE, SKIN AND RESPIRATORY ALLERGIC REACTION.

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f the Department of Defense.

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