

5069, STYRENE

MSDS Number

BNBJX

National Stock Number

6810-00N028749

Product Name

5069, STYRENE

Manufacturer

FIBRE GLASS EVERCOAT CO INC

Product Identification

Product ID:5069, STYRENE

MSDS Date:09/02/1988

FSC:6810

NIIN:00N028749

MSDS Number: BNBX

Responsible Party

FIBRE GLASS-EVERCOAT CO INC

6600 CORNELL ROAD

CINCINNATI , OH 45242

US

Emergency Phone: 800-543-4530

Info Phone: 513-489-7600

Cage: 18731

Contractor

FIBRE GLASS-EVERCOAT CO INC

CINCINNATI, OH 45242

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513-489-7600

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Ingredients

STYRENE, MONOMER (SARA III)

CAS: 100-42-5

RTECS: WL3675000

OSHA PEL100 PPM

ACGIH TLV: S,50PPM/100STEL;9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE: SKIN: PRLNGD/FREQUENT CONTACT

MAY CAUSE DEFATTING,DRYNESS W/IRRIT & POSS IRRIT. STRYENE MAY BE

ABSORB THRU SKIN IN TOXIC AMTS. EYES: MAY CAUSE TEARING & IRRIT.

INHAL VAPORS MAY CAUSE NOSE, THRO AT, & RESPIRATORY TRACT

IRRITATION. HIGH CONC MAY CAUSE HDCH, & NAUS. RPTD HIGH CONC MAY

CAUSE LIVER(EFTS OF OVEREXP)

Explanation of Carcinogenicity:STYRENE: GROUP 2B (IARC)

Effects of Overexposure:HLTH HAZ: & KIDNEY DAMAGE. INGEST: MAY CAUSE GI DISTURBANCES, PAIN & DISCOMFORT. CHRONIC: INHAL: RPTD EXPOS TO HIGH CONCENTRATIONS MAY CAUSE LIVER & KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:SKIN: WASH WITH SOAP & WATER. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MED ATTN. INHAL: REMOVE VICTIM FROM EXPOSURE. IF VICTIM IS UNCON GIVE ARTF RESP OR O2 AS NEEDED. GET MED ATTN. INGEST: DO NOT INDUCE VOMITING (ASPIRATION HAZARD) GET IMMED MED ATTN.

Fire Fighting

Flash Point Method:CC

Flash Point:88.0F,31.1C

Lower Limits:1.1%

Upper Limits:6.1%

Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL OR CO2.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:AT ELEVATED TEMPERATURES SUCH AS IN A FIRE, POLYMERIZATION MAY TAKE PLACE. IF CONTAINED, VIOLENT RUPTURE MAY RESULT.

Accidental Release

Spill Release Procedures:REMOVE SOURCES OF IGNITION. ABSORB SPILL WITH ABSORBENT MATERIAL SUCH AS VERMICULITE OR SAND.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID STORAGE ABOVE 100F. STORE ONLY IN ORIGINAL CONTAINERS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:A NIOSH/MSHA APPRVD CANISTER TYPE RESP MUST BE WORN TO PREVENT INHALATION OF VAPORS OR SPRAY MISTS WHEN THE TLV OR PEL IS EXCEEDED. WEAR A NIOSH/MSHA APPROVED DUST MASK WHEN SANDING CURED PRODUCT.

Ventilation:GENERAL VENTILATION IS REQUIRED DURING NORMAL USE.

Protective Gloves:PLASTIC/CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEM WORK GOGS/FULL LNGTH FCSHLD .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:F4

Boiling Pt:B.P. Text:295F,146C

Vapor Pres:4.3 @ 20C

Vapor Density:HVR/AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NIL

Appearance and Odor:CLEAR LIQUID, AROMATIC ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS & OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT AND DIRECT SUNLIGHT.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:SMALL QUANTITIES CAN BE REACTED WITH THE APPROPRIATE HARDENER TO SOLIDIFY. DISPOSE OF IN ACCORDANCE WITH

FEDERAL, STATE AND LOCAL REGULATIONS.

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