Product ID: ADHESIVE FTA-3
MSDS Date: 08/26/1992
FSC: 8040
NIIN: 00F029986
Kit Part: Y
MSDS Number: BRXPL

=== Responsible Party ===
Company Name: BACON INDUSTRIES INC
Address: 192 PLEASANT STREET
City: WATERTOWN
State: MA
ZIP: 02172-2321
Country: US
Info Phone Num: 508-668-6753 OR 714-559-1134
Emergency Phone Num: 617-926-2550 OR 714-863-1499
CAGE: 99098

=== Contractor Identification ===
Company Name: BACON INDUSTRIES, INC.
Address: 192 PLEASANT STREET
Box: City: WATERTOWN
State: MA
ZIP: 02172
Country: US
Phone: 617-926-2550
CAGE: 99098

Composition/Information on Ingredients

BISPHENOL A DIGLYCIDYL ETHER RESIN, EPOXY RESIN, EPON 820,
ARALDITE 6004, 4,4'-ISOPROPYLDIENEDIPHENOL-EPICHLOROHYDRIN
CAS: 25068-38-6
RTECS #: KD4380000
Fraction by Wt: 74%

N-BUTYL GLYCIDYL ETHER
CAS: 2426-08-6
RTECS #: TX4200000
Fraction by Wt: 12%
Other REC Limits: 25 PPM
OSHA PEL: 50 PPM
ACGIH TLV: 25 PPM; 9293

SILICON DIOXIDE, CELITE 322
CAS: 7631-86-9
RTECS #: VV3100000
Fraction by Wt: 14%
OSHA PEL: 80 MG/CUM
ACGIH TLV: 0.2 MG/CUM

EPICHLOROHYDRIN, CHLOROMETHYLOXIRANE (SUSPECTED HUMAN
CARCINOGEN BY ACGIH, IARC, & NTP)
CAS: 106-89-8
RTECS #: TX4900000
Other REC Limits: 2 PPM
OSHA PEL: S, 5 PPM
ACGIH TLV: S, 2 PPM; 9293
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

Hazard Identification

LD50 LC50 Mixture: ORAL LD50 (RAT): 9 G/KG
Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: NO
Health Hazards Acute and Chronic: INGESTION: SLIGHTLY TOXIC. INHALATION: RESPIRATORY IRRITATION. SKIN: MODERATE INJURY. MAY CAUSE ALLERGIC REACTION. EYES: IRRITATION & REDNESS.
Explanation of Carcinogenicity: SEE INGREDIENTS
Effects of Overexposure: INHALATION: HEADACHE, NAUSEA, DIZZINESS. SKIN: REDDENING & SWELLING. EYES: IRRITATION & REDNESS.
Medical Cond Aggravated by Exposure: PREEXISTING SKIN DISORDERS & ALLERGIES.

First Aid Measures

First Aid: EYES: FLUSH W/WATER FOR AT LEAST 30 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. DON'T USE SOLVENTS. INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP AFFECTED PERSON WARM & AT REST. INGESTION: NO SPECIFIC ANTIDOTE. TREATMENT BASED ON JUDGEMENT OF THE PHYSICIAN IN RESPONSE TO THE REACTIONS OF THE PATIENT. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting Measures

Flash Point Method: SCC
Flash Point: 164F
Extinguishing Media: WATER FOG, CO2, DRY CHEMICAL OR ALCOHOL FOAM.
Fire Fighting Procedures: WEAR POSITIVE SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. KEEP NON-IGNITED MATERIAL COOL W/WATER SPRAY.
Unusual Fire/Explosion Hazard: BEWARE OF POSSIBLE EXOTHERMIC REACTION IF THE MATERIAL IS HEATED >400F IN A CONTAINER >1 GALLON OF MATERIAL.

Accidental Release Measures

Spill Release Procedures: ELIMINATE IGNITION SOURCES. WEAR PROTECTIVE EQUIP. LARGE SPILLS: DIKE/PUMP INTO APPROPRIATE CONTAINERS. SMALL SPILLS: SOAK UP IN AN INERT ABSORBENT. REMOVE RESIDUAL RESIN BY USING HOT SOAPY WATER. PLA CE WASTE IN AN APPROVED METAL CONTAINER & SEAL.

Handling and Storage

Other Precautions: AVOID EYE & SKIN CONTACT. DON'T WEAR CONTACT LENSES WHILE USING OR IN THE VICINITY IN WHICH THIS PRODUCT IS BEING USED.
Respiratory Protection: IF TLV’S ARE EXCEEDED USE A NIOSH ORGANIC FUME RESPIRATOR. USE A SCBA WHEN IN POORLY VENTILATED AREAS OR AREAS WHICH HAVE A EXTREMELY HIGH VAPOR CONCENTRATION. USE A NIOSH APPROVED PARTICULATE RESPIRATOR WHEN CURED MATERIAL IS MACHINED/CUT.
Ventilation: LOCAL. VENT CURING OVENS OUTDOORS.
Protective Gloves: IMPERVIOUS LATEX OR RUBBER
Eye Protection: SAFETY GLASSES OR GOGGLES
Other Protective Equipment: CLEAN BODY-COVERING CLOTHING. EYE WASH FACILITY & SAFETY SHOWER.
Work Hygienic Practices: CLOTHING CONTAMINATED W/MATERIAL SHOULD BE WASHED BEFORE REUSING. SEVERELY CONTAMINATED CLOTHING SHOULD BE DISCARDED.

Physical/Chemical Properties

Vapor Pres: 1
Vapor Density: 4.5
Spec Gravity: 1.16
Evaporation Rate & Reference: (BU AC = 1): < 1
Solubility in Water: NEGLIGIBLE
Appearance and Odor: AMBER PASTE W/ETHER ODOR.
Percent Volatiles by Volume: 0%

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
UNCONTROLLED EXPOSURE TO STRONG OXIDIZING AGENTS, ACIDS, MERCAPTANS, BASES OR AMINES, ESPECIALLY IN OVER 1 LB MASSES.
Stability Condition to Avoid: EXCESSIVE HEAT OVER LONG PERIODS OF TIME WILL DEGRADE RESIN.
Hazardous Decomposition Products: NITROGEN OXIDES, CO2, CO, ALDEHYDES & OTHER HAZARDOUS ORGANICS.
Conditions to Avoid Polymerization: MAY OCCUR IF STORED AT AN ELEVATED TEMPERATURE > 400F, ESPECIALLY IN QUANTITIES GREATER THAN 1 LB.

Disposal Considerations

Waste Disposal Methods: INCINERATE AT A U.S. EPA PERMITTED WASTE FACILITY & OR BURIAL IN AN EPA SECURED LANDFILL. OBSERVE ALL APPLICABLE FEDERAL, STATE & LOCAL REGS. DON’T CONTAMINATE LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLIES.

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