

FIBER-RESIN CORPORATION -- FR-#5 HARDENER, EPOXY CURING AGENT -- 8030-00-463-7053

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Product Identification  
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Product ID:FR-#5 HARDENER, EPOXY CURING AGENT

MSDS Date:05/11/1989

FSC:8030

NIIN:00-463-7053

Kit Part:Y

MSDS Number: BHQKD

=== Responsible Party ===

Company Name:FIBER-RESIN CORPORATION

Address:170 W. PROVIDENCIA AVENUE

City:BURBANK

State:CA

ZIP:91503

Country:US

Info Phone Num:1-800

0-624-9487

Emergency Phone Num:1-800-624-9487

Preparer's Name:SAM ENGEL

CAGE:DO271

=== Contractor Identification ===

Company Name:3H B FULLER CO

Box:City:BURBANK

State:CA

ZIP:91503

Country:US

Phone:800-624-9487;612-481-3300

CAGE:0HB93

Company Name:FIBER-RESIN CORP.

Address:170 W PROVIDENCIA AVE

Box:91503

City:BURBANK

Phone:800-424-9300

CAGE:DO271

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Composition/Information on Ingredients  
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Ingred Name:TETRAETHYLENE PENTAMINE

CAS:112-57-2

RTECS #:KH8585000

Fraction by W

t: > 70%

Ingred Name:DIETHYLENE TRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: < 50%

OSHA PEL:1 PPM

ACGIH TLV:S, 1 PPM; 9192

Ingred Name:2-ETHYL-4-METHYLIMIDIZOLE

CAS:931-36-2

Fraction by Wt: < 10%

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:STRONG SENSITIZER. SEVERE EYE AND SKIN

IRRITANT. VAPORS ARE HARMFUL. AVOI

D SKIN CONTACT WITH PRODUCT AT

ALL TIMES. NO

ANTICIPATED CHRONIC EFFECTS.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN REGULATED  
LEVELS OF NTP, IARC,OR OSHA LISTED CARCINOGENS.

Effects of Overexposure:EYES: SEVERE EYE IRRITANT. SKIN: MAY CAUSE  
SEVERE IRRITATION. POSSIBLE DERMAL SENSITIZER. AFTER CONTACT WASH  
WITH SOAP & WARM WATER & APPLY SKIN CREAMS. INHALATION:  
INHALATION OF VAPORS MAY CAU SE RESPIRATORY IRRITATION.

Medical Cond Aggravated

by Exposure:INHALATION OF VAPORS COULD

AGGRAVATE ASTHMATIC CONDITION.

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===== First Aid Measures =====  
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First Aid:EYES: FLUSH IMMEDIATELY WITH WATER, 15 MINUTES. CONSULT A  
PHYSICIAN, IF IRRITA- TION PERSISTS. SKIN: WASH AFFECTED AREA WITH  
SOAP & WATER. LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE.

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===== Fire Fighting Measures =====  
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Flash Point Method:TCC

Flash Point:280 F/ 138 C

Extinguishing Media:USE WATER

SPRAY, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:NONE KNOWN.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR RUBBER GLOVES AND WIPE WITH ABSORBENT MATERIAL. RESIDUE MAY BE REMOVED WITH A CHLORINATED SOLVENT.

===== Handling and Storage =====

Handling and Storage Pre

cautions:STORE IN A COOL AND DRY LOCATION.

Other Precautions:ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED UNDER THE REGULATIONS OF THE TOXICSUBSTANCE CONTROL ACT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE (IF SENSITIVE).

Ventilation:STANDARD INDUSTRIAL VENTILATION.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:HAVE EMERGENCY EYE-WASH FOUNTAINS AVAILABLE.

PREVENT CONTACTWITH SKIN BY APPROPRIATE PROTECTIVE CLOTHES.

Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE.

Supplemental Safety and Health

THIS MSDS IS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200). UNLISTED INGREDIENTS ARE NOT "HAZARDOUS" PER THIS OSHA STANDARD & ARE CONSIDERED TO BE TRADE SECRET INGR EDIENTS (WHICH ARE ON THE TOSCA INVEN-TORY) WILL BE MADE AVAILABLE FOLLOWING THE PROCEDURES SPECIFIED IN THE STANDARD.

===== Physical/Chemical Properties =====

pH:ALKALI

Viscosity:MOBLE FLUID

Appearance and Odor:CLEAR AMBER LIQUID, ODOR IS AMMONIACL.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION CAN YIELD LOW MOLECULAR WEIGHT HYDRO- CARBONS, AS WELL AS CARBON MONOXIDE/DIOXIDE & NITROGEN COMP.

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Disposal Considerations =====

Waste Disposal Methods: THIS PRODUCT IS A DOT CORROSIVE. IT DOES NOT, HOW-EVER MEET THE RCRA DEFINITION OF CORROSIVE WASTE. DISPOSE IN ACCORDANCE WITH APPROPRIATE GOVERNMENTAL REGULATIONS.

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