

SHIN-ETSU CHEMICAL CO., LTD. -- FE-125 -- 8030-01-244-4372

===== Product Identification =====

Product ID:FE-125  
MSDS Date:12/15/1988  
FSC:8030  
NIIN:01-244-4372  
MSDS Number: BJKRJ  
=== Responsible Party ===  
Company Name:SHIN-ETSU CHEMICAL CO., LTD.  
Address:431 AMAPOLAN AVENUE  
City:TORRENEE  
State:CA  
ZIP:90501  
Country:US  
Info Phone Num:213-533-1101  
Emergency Phone Num:213-533-1101  
Preparer's Name:M. S  
EINO

CAGE:FO068  
=== Contractor Identification ===  
Company Name:SHIN-ETSU CHEM CO LTD  
Address:6-1 2-CHOME  
Box:City:OHTEMACHI CHIYODAKU TOKYO  
Country:JA  
Phone:03-246-5171

CAGE:SHINE  
Company Name:SHIN-ETSU CHEMICAL CO  
Address:6-1,2-CHOME, OHTEMACHI, CHIYODAKU  
City:TOKYO  
Country:JA  
Phone:03-3246-5171; 330-630-9860  
CAGE:FO068

===== Composition/Information on Ingredients =====

Ingred Name:NO HAZARDOUS MATERIALS PRESENT  
Other REC Limits:NONE SPECIFIED

===== Hazards

Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:ON DIRECT CONTACT WITH UNCURED PRODUCT OR ITS  
VAPORS, MAY CAUSE IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANE.  
VAPORS ARE IRRITATING TO NOSE AND THROAT.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN CONTACT: IM  
MEDIATELY  
REMOVE FROM SKIN WITH DRY CLOTH OR TOWEL AND WASH EXPOSED AREA WITH  
DETERGENT. EYE CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR  
AT LEA ST 15 MINUTES AND THEN OBTAIN PROMPT MEDICAL ATTENTION. AND  
INGESTION: INDUCE VOMITING.

===== Fire Fighting Measures =====

Flash Point Method:OC  
Flash Point:>142F,>61C  
Lower Limits:5.4  
Upper Limits:16  
Extinguishing Media:FOAM, DRY CHEMICAL OR CARBON DIOXIDE.  
Fire Fighting Procedures:NONE.  
Unusua  
I Fire/Explosion Hazard:BURNING CAN PRODUCE HYDROGEN FLUORIDE, A  
TOXIC AND CORROSIVE GAS.

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

Spill Release Procedures:SHUT OFF ALL IGNITION SOURCES. WEAR SUITABLE  
PROTECTIVE EQUIPMENT. CONTAIN THE SPILL OR LEAK. SCRAPE UP WITH  
RAGS OR OTHER MATERIAL AND PLACE IN CONTAINER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.  
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TORE IN A COOL PLACE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DON'T LAY THE CONTAINER ON ITS SIDE. \*

Other Precautions:\* USE ONLY WITH ADEQUATE VENTILATION. AVOID PROLONGED BREATHING OF VAPORS. AVOID CONTACT WITH EYES AND SKIN.

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

Respiratory Protection:AIR-SUPPLIED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST: REQUIRED. ALSO MECHANICAL(GENERAL):ADEQUATE VENTILATION SYSTEM.

Protective Gloves:PLASTIC FILM OR RUBBER GLOVES.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYEWASH EQUIPMENT. CONTACT LENS WEARERS TAKE APPROPRIATE PRECAUTIONS.

Work Hygienic Practices:WASH HANDS AND EYES AND GARGLE AFTER HANDLING.

Supplemental Safety and Health

TRIFLUOROPROPIONALDEHYDE (TFPA) VAPORS MAY EVOLVE FROM PRODUCT USED IN OPEN SYSTEMS AT TEMPERATURES ABOVE 150 DEG. C. TFPA VAPORS PRESENT HIGHLY POTENTIAL HEALTH HAZARD, SO THAT ADEQUATE VENTILATION SHOULD BE PROVIDED.

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

Vapor Density:> 1

Spec Gravity:1.51 @ 25 C

Evaporation Rate & Reference:< 1 (BUTYL ACETATE-1)

Solubility in Water:NOT SOLUBLE

Appearance and Odor:REDDISH BROWN PASTE WITH PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid:NO

ON EXPOSURE TO AIR, EVOLVE ACETIC ACID.

Stability Condition to Avoid:ON EXPOSURE TO AIR, EVOLVE ACETIC ACID.

Hazardous Decomposition Products:ACETIC ACID (CORROSIVE)

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===== Disposal Considerations =====

Waste Disposal Methods:CAN BE LAND-FILLED FOR CURED PRODUCT OR BURNED IN ACCORDANCE WITH REGULATIONS.

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