

TRA-CON INC -- EPOXY RESIN HARDENER -- 8040-00-776-9603

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

Product ID:EPOXY RESIN HARDENER

MSDS Date:08/11/1993

FSC:8040

NIIN:00-776-9603

Kit Part:Y

MSDS Number: BZLHM

=== Responsible Party ===

Company Name:TRA-CON INC

Address:55 NORTH STREET

Box:3933

City:MEDFORD

State:MA

ZIP:02155-4225

Country:US

Info Phone Num:617-391-5550 FAX 617-381-7380

Emergency Phone Num:6

17-391-5550

Preparer's Name:CHARLES SCHULT

CAGE:22835

=== Contractor Identification ===

Company Name:TRA-CON INC

Address:55 NORTH ST

Box:3933

City:MEDFORD

State:MA

ZIP:02155-4225

Country:US

Phone:617-391-5550

CAGE:22835

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

Ingred Name:DIETHYLENETRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: 87.0%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:IN

GEST LD50=9000 MG/KG RATS

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:REPEATED CONTACT OR BREATHING OF VAPORS MAY CAUSE IRRITATION. MATERIAL IS ALSO A STRONG SENSITIZER. EYE/SKIN CONTACT MAY CAUSE TRANSIENT IRRITATION.

Explanation of Carcinogenicity:CAS #17557-23-2 CARCINOGENIC IN SKIN PAINTING STUDIES ON MICE.

Effects of Overexposure:DEFATTING & DRYING OF THE SKIN. PRODUCT EXPOSURE MAY BE MUTAGENIC.

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

First Aid:EYES: FLUSH W/WATER. GET MED AID. SKIN: WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHES. INHALATION: REMOVE TO FRESH AIR. INGESTION: NO KNOWN ANTEDOTES, BUT GIVE MILK/WATER. DON'T INDUCE VOMITING. IF SWALLOWED, GET MED AID.

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

Flash Point Method:PMCC

Flash Point:>260F,>127C

Lower Limits:NOT AVAIL.

Upper Limits:NOT AVA

IL.

Extinguishing Media:FOAM, CO2, DRY CHEMICAL.

Fire Fighting Procedures:AVOID BREATHING SMOKE. SCBA.

Unusual Fire/Explosion Hazard:TOXIC GASES MAY BE LIBERATED. HANDLE AS COMBUSTIBLE. STORE IN COOL AREA.

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

Spill Release Procedures:PREVENT SKIN/EYE CONTACT. SOAK UP IN ABSORBENT MATERIAL OR SCRAPE UP. TRANSFER TO DISPOSAL CONTAINER. WIPE UP RESIDUE Q/SOLVENTS OBSERVING SOLVENT FLAMMABILITY CAUTIONS OR USE DETERGE NTS. DON'T FLUSH TO SEWER.

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

Handling and Storage Precautions:FOR INDUSTRIAL USE ONLY. MAY CAUSE SENSITIZATION, IRRITATION OR OTHER ALLERGIC RESPONSES. AVOID EYE &/OR SKIN CONTACT & PROLONGED INHALATION OF VAPORS

Other Precautions:US POSTAL REGS: MAILABLE UP TO 1 GL IN GLASS, 2 GL IN OTHER CONTAINERS. STORE IN A COOL PLACE IN CLOSED CONTAINERS. HANDLE PER HAZARD POTENTIAL OF HARDENER.

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===== Exposure Co

ntrols/Personal Protection =====

Respiratory Protection: AIR-SUPPLIED OR ORGANIC CANISTER, MASK IN
CONFINED AREAS.

Ventilation: LOCAL EXHAUST RECOMMENDED. MECHANICAL (GENERAL)
RECOMMENDED.

Protective Gloves: RUBBER OR PLASTIC

Eye Protection: SAFETY GLASSES OR GOGGLES.

Other Protective Equipment: AS REQUIRED TO PREVENT ALL BODY CONTACT,
EYEBATH &/OR SAFETY SHOWER.

Supplemental Safety and Health

KEY1: N1.

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

HCC: V4

Boiling Pt: B.P. Text: 500F, 260C

Vapor Pres: 1.0

Spec Gravity: 1.1

pH: ≥ 8.0

Evaporation Rate & Reference: LOW

Solubility in Water: PARTIAL

Appearance and Odor: PALE YELLOW LIQUID

Percent Volatiles by Volume: