

TRA-CON INC -- TRA-BOND E-2 HARDENER -- 8040-00-691-1322

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Product Identification
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Product ID:TRA-BOND E-2 HARDENER

MSDS Date:10/10/1989

FSC:8040

NIIN:00-691-1322

Kit Part:Y

MSDS Number: BJQFJ

=== Responsible Party ===

Company Name:TRA-CON INC

Address:55 NORTH ST

City:MEDFORD

State:MA

ZIP:02155

Country:US

Info Phone Num:617-391-5550

Emergency Phone Num:617-391-5550

CAGE:22835

=== Contrac

tor 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

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Composition/Information on Ingredients
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Ingred Name:REACT MIXTURE OF ALIPHATIC ALKYLAMINE BASED ON ETHYL ALKYL
POLYAMINE AND/OR SIMILAR ISOMERS AND HOMOLOGS.

CAS:104-78-9

RTECS #:TX7350000

Fraction by Wt: 80-100%

Other REC Limits:NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture:INGES LD50RATS>MG/KG/LD50SKIN>700MG/KGCO
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:EYE OR MOUTH CONTACT MAY CAUSE SERIOUS BURNS.
MATERIAL IS A STRONG SENSITIZER.

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

First Aid:EYES: FLUSH WITH WATER, GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING, GIVE MILK OR WATER, GET MEDICAL ATTENTION. NO KNOWN ANTIDOTE.

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

Flash Point Method:TOC
Flash Point:145F/63C
Lower Limits:1.4
Upper Limits:11.6
Extinguishing Media:DRY CHEMICAL, CHEMICAL FOAM, CARBON DIOXIDE, WATER.
Fire Fighting Procedures:AVOID BREATHING SMOKE. ADDITION OF WATER MAY REDUCE FLAME INTENSITY.
Unusual Fire/Explosion Hazard:TOXIC GASES MAY BE LIBERATED. HANDLE AS A COMBUSTIBLE MATERIAL. STORE IN A COOL PLACE.

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

Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. SOAK UP IN ABSORBENT MATERIAL, OR SCRAPE UP, AND TRANSFER TO DISPOSAL CONTAINER. WIPE UP REMAINING RESIDUE WITH SOLVENTS, OBSERVING SOLVENT FLAMMABILITY CAUTIONS, OR USE DETERGENT.

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

Handling and Storage Precautions:FOR INDUSTRIAL USE ONLY
:WARNING: MAY CAUSE BURNS OR IRRITATION. AVOID EYE AND/OR SKIN CONTACT AND PROLONGED INHALATION OF VAPORS.
Other Precautions:STORE IN A COOL PLACE IN CLOSED CONTAINERS.

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

Respiratory Protection:AIR-SUPPLIED, OR ORGANIC CANISTER, MASK IN CONFINED AREAS.
Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) RECOMMENDED
Protective Gloves:RUBBER OR PLASTIC DISPOSABLE.
Eye Protection:SAFETY GLASSES OR GOGGLES
Other Protectiv

Equipment:AS REQUIRED TO PREVENT ALL BODY CONTACT; EYE BATH AND/OR SAFETY SHOWER.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:> 300

Vapor Pres:1

Vapor Density:> 3

Spec Gravity:0.83

Evaporation Rate & Reference:LOW

Solubility in Water:HIGH

Appearance and Odor:CLEAR, LOW VISCOSITY LIQUID, AMMONIACAL ODOR.

Percent Volatiles by Volume:< 1

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

Stab

Stability Indicator/Materials to Avoid:YES

AVOID STRONG ACIDS OR OXIDIZING AGENTS, CHLORINATED COMPOUNDS.

Stability Condition to Avoid:COPPER AND COPPER ALLOYS. AVOID HIGH TEMPERATURES.

Hazardous Decomposition Products:THERMAL PRODUCTS: NITROGEN OXIDES, ALDEHYDES, CARBON MONOXIDE AND/OR CARBON DIOXIDE.

Conditions to Avoid Polymerization:CHLORINATED COMPOUNDS; EXOTHERMS WHEN USED TO CURE EPOXY RESIN,

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

Waste Disposal Meth

ods:DISPOSE OF AS HAZARDOUS WASTE ACCORDING TO

D.O.T. HAZARD CLASS. IF NOT REGULATED BY D.O.T.,DISPOSE OF AS

ORM-E. DISPOSAL METHOD CAN BE LAND BURIAL OR CHEMICAL INCINERATION

AS REGULATED BY ALL GOVERNMENTAL AGENCIES.

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