

TRA-CON INC -- TRA-BOND E-2 HARDENER -- 8040-00-270-8136

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

Product ID:TRA-BOND E-2 HARDENER

MSDS Date:10/10/1989

FSC:8040

NIIN:00-270-8136

Kit Part:Y

MSDS Number: BJQQJ

=== 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

=== 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:REACT MIXTURE OF ALIPHATIC ALKYLAMINE(S) 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

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

LD50 LC50 Mixture:INGESTION1000MG/KG;SKIN700MG/KGCORROSIV

E

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Effects of Overexposure:EYE OR MOUTH CONTACT MAY CAUSE SERIOUS
BURNS;MATERIAL IS A STRONG SENSITIZER.

===== 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 MED ICAL ATTENTION. NO KNOWN ANTIDOTE.

===== 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.

===== 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 DET ERGENT.

===== 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 Precau
tions:STORE IN A COOL PLACE IN CLOSED CONTAINERS.

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

Respiratory Protection:AIR-SUPPLIED OR ORGANIC CANISTER MASK IN
CONFINED AREAS.
Ventilation:LOCAL AND MECHANICAL(GENERAL) ARE RECOMMENDED.
Protective Gloves:RUBBER OR PLASTIC DISPOSABLE GLOVES
Eye Protection:SAFETY GLASSES OR GOGGLES
Other Protective Equipment:AS REQUIRED TO PREVENT ALL BODY CONTACT;EYE
BATH AND/OR SAFETY SHOWER.
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:>300F,>149C

Vapor Pres:1 MM HG

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 =====

Stability Indicator/Materials to Avoid:YES

AVOID STRONG ACIDS OR OXIDIZING AGENTS, CHLORINATED COMPOUNDS.

Stability Condi

tion 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 Methods:DISPOSE OF AS HAZARDOUS WASTE ACCORDING TO
D.O.T. HAZARD CLASS. IF NOT REGULATED BY D.O.T., DISPOSE OF AS
O

RM-E. DISPOSAL METHOD CAN BE LAND BURIAL OR CHEMICAL INCINERATION
AS REGULATED BY ALL GOVERNMENTAL AGENCIES.

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