

DEXTER ADHESIVES AND STRUCTURAL MATERIALS DIVISION -- B-1 CURING AGENT --
8040-00-916-9849

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

Product ID:B-1 CURING AGENT

MSDS Date:09/29/1989

FSC:8040

NIIN:00-916-9849

Kit Part:Y

MSDS Number: BKKGK

=== Responsible Party ===

Company Name:DEXTER ADHESIVES AND STRUCTURAL MATERIALS DIVISION

Address:2850 WILLOW PASS ROAD

Box:312

City:PITTSBURG

State:CA

ZIP:94565

Countr

y:US

Info Phone Num:415-687-4201

Emergency Phone Num:800-424-9300

CAGE:33564

=== Contractor Identification ===

Company Name:DEXTER CORPORATION ADHESIVE & COATING SYSTEMS

Address:2850 WILLOW PASS ROAD

Box:312

City:BAY POINT

State:CA

ZIP:94565-3299

Country:US

Phone:202-483-7616

CAGE:33564

Company Name:STEVEN INDUSTRIES

Address:39 AVENUE C

Box:8

City:BAYONNE

State:NJ

ZIP:07002-3417

Country:US

Phone:201-437-6501

CAGE:33150

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

Ingred

Name:DIETHYLENE TRIAMINE
CAS:111-40-0
RTECS #:IE1225000
Fraction by Wt: < 15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 PPM
ACGIH TLV:S, 1 PPM; 9192

Ingred Name:ETHYLENE GLYCOL (SARA III)
CAS:107-21-1
RTECS #:KW2975000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:C 50 PPM
ACGIH TLV:C 50 PPM,VAPOR; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:TRIETHYLENETETRAMINE
CAS:112-24-3
RTECS #:YE6650000
Fraction by Wt: < 10%
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: < 10
G/L (ESTIMATE)
RTECS #:9999999VO
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
Health Hazards Acute and Chronic:CORROSIVE TO EYES AND SKIN. VAPORS
IRRITATING TO UPPER RESPIRATORY SYSTEM.
Effects of Overexposure:POSSIBLE BURNS TO EYES AND SKIN; IRRITATION TO
UPPER RESPIRATORY TRACT.
Medical Cond Aggravated by Exposure:NA

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First Aid Measures
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First Aid:IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINS. FLUSH SKIN WITH WATER. WASH AREA OF CONTACT WITH SOAP AND WATER, RUBBING ALCOHOL OR HAND CLEANER. DO NOT USE SOLVENTS. REMOVE CONTAMINATED CLOTHING AND LEATHER GOODS AND DISPOSE OF AS HAZARDOUS WASTE. IF IRRITATION PERSISTS, SEE PHYSICIAN.

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Fire Fighting Measures
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Flash Point Method:TOC
Flash Point:>300F,>149C

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:DRY CHEMICAL OR HALON FIRE EXTINGUISHER OR WATER SPRAY, FOAM OR FOG.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES IN CONFINED AREAS.

Unusual Fire/Explosion Hazard:DENSE SMOKE AND TOXIC GASES MAY BE LIBERATED.

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE CLOTHING, GLOVES & SAFETY GLASSES. SCRAPE UP & TRANSFER TO METAL CONTAINER. WIPE UP REMAINING RESIDUE W/SOLVENTS, OBSERVE SOLVENT FLAMMABILITY CAUTIONS. MATERIALS USED FOR CLEAN-UP ARE CONTAMINATED BY CHEMICALS. DISPOSE OF PROPERLY.

=====
Handling and Storage
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Handling and Storage Precautions:KEEP COOL IN ACCORDANCE WITH LABEL INSTRUCTIONS. FOLLOW RECOMMENDED CURING SCHEDULE. STORE AT ROOM TEMPERATURE (77F) FOR 12 MONTHS.

Other Precautions:*BE BONDED. FAILURE TO OBSERVE CAUTIONS MAY RESULT IN EXCESSIVE HEAT BUILD-UP WITH THE RELEASE OF TOXIC GASES.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT REQUIRED WITH GOOD INDUSTRIAL VENTILATION.

Ventilation:LOCAL EXHAUST RECOMMENDED.

Protective Gloves:IMPERVIOUS PLASTIC OR RUBBER.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:AS NEEDED TO PROTECT SKIN AND CLOTHING.

Supplemental Safety and Health

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Physical/Chemical Properties
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Boiling Pt:B

.P. Text:DECOMPOSES

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:0.96

Evaporation Rate & Reference:NA

Solubility in Water:PARTIAL

Appearance and Odor:AMBER LIQUID WITH AMMONIACAL ODOR

Percent Volatiles by Volume:NA

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS.

Stability Condition to Avoid:NA

Hazardous Decomposition Products:CO, NO2, ALDEHYDES, ACIDS AND
UNDETERMINED O

RGANICS.

Conditions to Avoid Polymerization:AVOID MIX RESIN/CURING AGENT IN

BATCHES GREATER THAN 1 LB TOTAL. DO NOT HEAT MIXED ADHESIVE UNLESS
CURING SURFACES TO*

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

Waste Disposal Methods:DISPOSE OF AS HAZARDOUS WASTE ACCORDING TO
FEDERAL, STATE AND LOCAL REGULATIONS.

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