



HYSOL HD-3452 HARDENER

MSDS Number

BHCKL

National Stock Number

8040-00-987-3137

Product Name

HYSOL HD-3452 HARDENER

Manufacturer

DEXTER ELECTRONIC MTLs DIV THE DEXTER CORP

Product Identification

Product ID:HYSOL HD-3452 HARDENER

MSDS Date:09/27/1989

FSC:8040

NIIN:00-987-3137

MSDS Number: BHCKL

Responsible Party

DEXTER ELECTRONIC MTLs DIV.,THE DEXTER CORP.

211 FRANKLIN ST.

OLEAN , NY 14760-1297

US

Emergency Phone: 716-372-6309

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Cage: 04347

Contractor

DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV

OLEAN, NY 14760-1297

US

716-372-6300/6309

Cage: 04347

Ingredients

PROPYLENE GLYCOL METHYL ETHER

CAS: 28677-93-2

Fraction By Weight: 10-30%

DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)

CAS: 123-42-2

RTECS: SA9100000

Fraction By Weight: 10-30%

OSHA PEL50 PPM

ACGIH TLV: 50 PPM; 9192

MELAMINE-FORMALDEHYDE RESIN



Fraction By Weight: 10-30%

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT CAUSES EYE, SKIN & RESPIRATORY TRACT IRRITATION. IT MAY BY ABSORBED THROUGH THE SKIN, BUT TOXICITY OF THE INGREDIENT ABSORBED IS LOW, 13-14 GM/KG.
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:MAY CAUSE DIZZINESS, NAUSEA, ANESTHESIA, HEADACHE, AND CENTRAL NERVOUS SYSTEM DEPRESSION. MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF DERMAL OR RESPIRATORY DISORDERS MAYBE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN IF DISCOMFORT PERSISTS. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP & WATER. REM OVE CONTAMINATED CLOTHING/SHOES AND LAUNDRER BEFORE REUSE. INGESTION: IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK AND INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL CARE.

Fire Fighting

Flash Point Method:TCC
Flash Point:94.0F,34.4C
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST WHEN EXPOSED TO HEAT OF FIRE.

Accidental Release

Spill Release Procedures:SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBANT. PUT IN DISPOSAL CONTAINER. FLUSH RESIDUE WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.
Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS ADEQUATE IF USE IS ENCLOSED. LOCAL EXHAUST IS NEEDED IF VENTED INTO WORK AREA.
Protective Gloves:NEOPRENE, NITRILE, PVC OR NATURAL RUBBER
Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. AVOID PROLONGED/REPEATED CONTACT.
Supplemental Safety and Health
THIS MSDS COVERS ONE OF THE HYSOL HARDENERS.

Chemical Properties

HCC:F4



Boiling Pt: B.P. Text: 248F, 120C
Vapor Pres: 12 MM
Vapor Density: 4
Spec Gravity: 1.05
Evaporation Rate & Reference: 22 (ETHYL ETHER)
Solubility in Water: 30%
Appearance and Odor: LOW VISCOSITY AMBER LIQUID, SOLVENT ODOR
Percent Volatiles by Volume: 40

Stability

Stability Indicator/Materials to Avoid: YES
STRONG ACIDS, CAUSTICS, AMINES, AMMONIA, ISOCYANATES
Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN.

Disposal

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS.
HMIS SUGGESTS INCINERATION.

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