

## **HYSOL AE-0038**

### **MSDS Number**

BHCKK

### **National Stock Number**

8040-00-987-3137

### **Product Name**

HYSOL AE-0038

### **Manufacturer**

DEXTER ELECTRONIC MTLs DIV THE DEXTER CORP

### **Product Identification**

Product ID:HYSOL AE-0038

MSDS Date:09/27/1989

FSC:8040

NIIN:00-987-3137

MSDS Number: BHCKK

### **Responsible Party**

DEXTER ELECTRONIC MTLs DIV.,THE DEXTER CORP.

211 FRANKLIN ST.

OLEAN , NY 14760-1297

US

Emergency Phone: 716-372-6309

Info Phone: 716-372-6300

Preparer: JAMES P. HORNBURG

Cage: 04347

### **Contractor**

DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV

OLEAN, NY 14760-1297

US

716-372-6300/6309

Cage: 04347

### **Ingredients**

ETHYL BENZENE (SARA III)

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 1-5%

OSHA PEL100 PPM/125 STEL

ACGIH TLV: 100 PPM/125STEL 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 12.390%  
OSHA PEL200 PPM/150 STEL  
ACGIH TLV: 50 PPM; 9293  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

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

CAS: 123-42-2  
RTECS: SA9100000  
Fraction By Weight: 30-60%  
OSHA PEL50 PPM  
ACGIH TLV: 50 PPM; 9192

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4  
RTECS: AF7350000  
Fraction By Weight: 1-5%  
OSHA PEL150 PPM/200 STEL  
ACGIH TLV: 150 PPM/200STEL;9192  
EPA Report Quantity: 5000 LBS  
DOT Report Quantity: 5000 LBS

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CAS: 67924-34-9  
RTECS: XX0000000  
Fraction By Weight: 10-30%

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT CAUSES EYE, SKIN & RESPIRATORY TRACT IRRITATION AND CENTRAL NERVOUS SYSTEM DEPRESSION. HMIS BELIEVES THAT CHRONIC OVEREXPOSURE TO THE VAPORS MAY LEAD TO PAINTERS' SYNDROME.  
Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.  
Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY IRRITATION, NAUSEA, FATIGUE, DIZZINESS, HEADACHES, UNCONSCIOUSNESS, DERMATITIS AND EYE IRRITATION.  
Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

## First Aid

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:81.0F,27.2C  
Lower Limits:1.0  
Upper Limits:7.0  
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:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE,  
OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS.

## Handling

Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. COMBUSTIBLE LIQUID; EMPTY  
CONTAINERS CAN BE HAZARDOUS.  
Other Precautions:NONE

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED  
OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED  
WHEN PEL/TLV IS EXCEEDED. ESPECIALLY NEEDED IN ENCLOSED AREAS AND  
WHEN PRODUCT IS HEATED OR SPRAYED.  
Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN  
ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.  
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL  
Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD  
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CLOTHING  
AS NEEDED TO PREVENT SKIN CONTACT.  
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID  
CONTACT IF POSSIBLE. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.  
Supplemental Safety and Health  
THIS IS ONE OF THREE PRODUCTS APPARENTLY QUALIFIED BY GSA FOR THIS NSN.  
THEY MAY USE ANY OF SEVERAL HYSOL HARDENERS.

## Chemical Properties

HCC:F3  
Boiling Pt:B.P. Text:281F,138C  
Vapor Pres:Vapor Density:3.6  
Spec Gravity:1.05  
Evaporation Rate & Reference:0.75 (REF N/K)  
Solubility in Water:15%  
Appearance and Odor:LOW VISCOSITY AMBER LIQUID, AROMATIC ODOR  
Percent Volatiles by Volume:15

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS & STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND  
OTHER HYDROCARBON COMPOUNDS DURING COMBUSTION.

## Disposal

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR  
OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND  
FEDERAL LAWS AND REGULATIONS.

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