

## **U-1000 INTERMEDIATE CATALYST**

### **MSDS Number**

BJTQL

### **National Stock Number**

8010-00F014124

### **Product Name**

U-1000 INTERMEDIATE CATALYST

### **Manufacturer**

STERLING LACQUER MFG CO INC

### **Product Identification**

Product ID:U-1000 INTERMEDIATE CATALYST

MSDS Date:02/28/1986

FSC:8010

NIIN:00F014124

MSDS Number: BJTQL

### **Responsible Party**

STERLING LACQUER MFG. CO., INC

3150 BRANNON AVE.

ST. LOUIS , MO 63139

Emergency Phone: (314) 776-4450

Info Phone: (314) 776-4450

Cage: 5G238

### **Contractor**

STERLING LACQUER MFG CO INC

ST LOUIS, MO 63139-1422

US

Cage: 5G238

### **Ingredients**

HEXAMETHYLENE DIISOCYANATE \*97-3\*

CAS: 822-06-0

RTECS: MO1740000

Fraction By Weight: 0.21%

ACGIH TLV: 0.005 PPM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

TOLUENE-2,4-DIISOCYANATE (TDI) (ANIMAL CARCINOGEN BY IARC -

CAS: 584-84-9

RTECS: CZ6300000

Fraction By Weight: 0.08%

OSHA PEL0.02 PPM, CEILING

ACGIH TLV: 0.005 PPM

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

ACETIC ACID, ETHYL ESTER, ETHYL ACETATE \*98-1\*

CAS: 141-78-6

RTECS: AH5425000

Fraction By Weight: 15%

OSHA PEL1400 MG/CUM

ACGIH TLV: 1400 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PROPYLENEGLYCOL MONOMETHYL ETHER ACETATE,

CAS: 108-65-6

RTECS: AI8925000

Fraction By Weight: 30%

BUTYL ACETATE (N-BUTYL ACETATE) \*98-1\*

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 10%

OSHA PEL710 MG/CUM

ACGIH TLV: 713 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

XYLENE, DIMETHYLBENZENE, XYLOL (IARC - GROUP 3) \*98-1\*

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight:

OSHA PEL100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: SEVERLY IRRITATING, INJURY TO TISSUE IF NOT PROPERLY REMOVED/SENSITIZER. SKIN: ALLERGIC REACTION. INHALATION: IRRITATION TO THE RESPIRATORY TRACT, NOSE, THROAT & LUNGS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: SEVERELY IRRITATING, INJURY TO TISSUE IF NOT PROPERLY REMOVED SENSITIZER. SKIN: ALLERGIC REACTION. INHALATION: IRRITATION TO THE RESPIRATORY TRACT, NOSE, THROAT, LUNGS.

Medical Cond Aggravated by Exposure:RESPIRATORY PROBLEMS

## First Aid

First Aid:EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER.  
INHALATION: REMOVE TO FRESH AIR. INGESTION: DON'T INDUCE VOMITING.  
GET MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point:28F  
Lower Limits:1.1%  
Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS W/FULL  
FACEPIECE OPERATED IN PRESSURE-DEMAND WHEN FIGHTING FIRES. USE  
WATER FOG NOZZLES TO COOL CLOSED CONTAINER.  
Unusual Fire/Explosion Hazard:DON'T USE WATER. FLAMMABLE LIQUID, CAN  
RELEASE VAPORS THAT FORM FLAMMABLE MIXTURES AT TEMP AT OR ABOVE THE  
FLASHPOINT.

## Accidental Release

Spill Release Procedures:WEAR RESPIRATOR, ABSORB W/VERMICULITE OR OTHER  
ABSORBENT MATERIAL. ELIMINATE ALL IGNITION SOURCES. STOP SPILL AT  
SOURCE, PREVENT SPREADING.

## Handling

Handling and Storage Precautions:STORE IN DRY AREA; KEEP CONTAINERS  
TIGHTLY CLOSED; PROTECT FROM PHYSICAL DAMAGE. EMPTIED CONTAINERS  
RETAIN PRODUCT RESIDUES (VAPOR/LIQUID/SOLID).  
Other Precautions:STORE USE. BREATHING CONCENTRATED VAPORS MAY CAUSE PERMANENT HEALTH  
HAZARDS. WASH W/SOAP & WATER AFTER USE BEFORE EATING OR SMOKING.

## Exposure Controls

Respiratory Protection:IF TLV IS EXCEEDED, NIOSH/MSHA JOINTLY APPROVED  
AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER  
ENVIRONMENTAL CONTROL. ENGINEERING OR ADMINISTRATIVE CONTROLS  
SHOULD BE IMPLEMENTED TO REDUCE EX POSURE.  
Ventilation:PROVIDE SUFFICIENT MECHANICAL/LOCAL EXHAUST VENTILATION TO  
KEEP Protective Gloves:RESISTANT  
Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES  
Other Protective Equipment:IMPERVIOUS CLOTHING/BOOTS.  
Work Hygienic Practices:WASH W/SOAP & WATER AFTER USE BEFORE EATING OR  
SMOKING. REMOVE CONTAMINATED CLOTHING.  
Supplemental Safety and Health  
WT/GAL: 8.40 LBS. AFTER 3 TO 6 MONTHS STORAGE, THE FREE MONOMER CONTENT  
MAY RISE TO 1.6% MAXIMUM. TDI/HDI MONOMER CONTENT AT TIME OF MFG.

## Chemical Properties

Boiling Pt:B.P. Text:169-302F  
Vapor Density:>AIR  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Percent Volatiles by Volume:67.71%

## Stability

Stability Indicator/Materials to Avoid:YES  
ALKALI METAL HYDROXIDES, SUCH AS SODIUM HYDROXIDE, & STRONG OXIDIZERS.  
Stability Condition to Avoid:DON'T STORE AT TEMPS >120F, IGNITION  
SOURCES, HEAT  
Hazardous Decomposition Products:CO2, CO, OXIDES OF NITROGEN, TRACES OF  
HYDROGEN CYANIDE, HEXEMETHYL DIISOCYANATE

## Disposal

Waste Disposal Methods:DESTROY BY LIQUID INCINERATION. CONTAMINATED  
ABSORBENT MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE W/LOCAL,  
STATE & FEDERAL REGULATIONS.

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