

THE DEXTER CORPORATION -- POLYURETHANE HARDENER -- 8030-00-498-5268

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

Product ID:POLYURETHANE HARDENER

MSDS Date:05/24/2000

FSC:8030

NIIN:00-498-5268

Status Code:A

Kit Part:Y

MSDS Number: CLJNB

=== Responsible Party ===

Company Name:THE DEXTER CORPORATION

Address:1 EAST WATER STREET

City:WAUKEGAN

State:IL

ZIP:60085

Country:US

Info Phone Num:847-623-4200

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec In

d/Phone:(800)424-9300

CAGE:91342

=== Contractor Identification ===

Company Name:DEXTER CORP THE PACKAGING PRODUCTS DIV

Address:1-7 E WATER ST

Box:City:WAUKEGAN

State:IL

ZIP:60085-5614

Country:US

Phone:847-623-4200

CAGE:91342

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

Ingred Name:HEXAMETHYLENE DIISOCYANATE

CAS:822-06-0

RTECS #:MO1740000

&lt; Wt:10.

ACGIH TLV:0.034 MG/M3;.005 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:HEXAMETHYLENE DIISOCYANATE HOMOPOLYMER

CAS:2

8182-81-2  
RTECS #:NQ9170000  
Minumum % Wt:70.  
Maxumum % Wt:80.

Ingred Name:BUTYL ACETATE  
CAS:123-86-4  
RTECS #:AF7350000  
Minumum % Wt:10.  
Maxumum % Wt:20.  
OSHA PEL:710 MG/M3;150 PPM  
ACGIH TLV:713 MG/M3;150 PPM  
ACGIH STEL:950 MG/M3;200 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE  
CAS:1330-20-7  
RTECS #:ZE2100000  
Minumum % Wt:10.  
Maxumum % Wt:20.  
ACGIH TLV:434 MG/M3;100 PPM  
ACGIH STEL:651 MG/M3;150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

=====  
ntification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE: OVER EXPOSURE BY INHALATION MAY  
CAUSE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, HEADACHE,  
DIZZINESS, DIZZINESS OR DROWSINESS. CHRONIC: THESE HAZARDOUS  
MATERIALS LISTED IN SECTION II MAY AF FECT THE FOLLOWING ORGANS:  
RESPIRATORY TRACT- CENTRAL NERVOUS SYSTEM - KIDNEYS - LIVER -  
CARDIAC SENSITIZATION.  
Effects of Overexposure:SKIN OR EYE CONT  
ACT: IRRITANT TO THE EYES AND  
SKIN.

=====  
First Aid Measures =====

First Aid:INHALATION: REMOVE FROM EXPOSURE. EYE CONTACT: FLUSH  
IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15  
MINUTES. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH SKIN  
WITH SOAP AND WAT ER. INGESTION: DRINK WATER. AS NECESSARY, CONSULT  
A PHYSICIAN FOR ANY OF THOSE CONDITIONS

=====  
Fire Fighting Measures =====

F

Flash Point Method:SCC  
Flash Point:=24.4C, 76.F

Lower Limits:1.10

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS, VENTILATE AREA, AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. BEFORE ATTEMPTING TO CLEAN UP. SEE SECTION II.

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===== Handling and Storage =====

Handling and Storage Precautions:DO NOT TALK INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE SPILL OF LIQUID IN EXCESS OF A FEW INCHES. MAKE SURE THE DRUM IS COMPLETELY EMPTY BEFORE ATTEMPTING TO WELD OR BREEZE. THE DRUM SHOULD BE INDUSTRIALLY CLEANED PRIOR TO REUSE.

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

Respiratory Protection:WHERE GENERAL DILUTION OR LOCAL EXHAUST FAILS TO ADEQUATELY DILUTE THE VAPOR OF THE MATERIAL, THEN RESPIRATORY PROTECTION SHOULD BE USED AS FOLLOWS: IN ACCORD WITH 29CFR 1910.134, USE NIOSH/MSHA APPROVED AIR TYPE RESPIRATORS OR HOODS FOR ENCLOSED AND CONFINED AREAS. AIR PURIFYING RESPIRATORS MAY BE USED FOR OTHER AREAS.

Ventilation:PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION TO KEEP THE TWA AND LEV BELOW ACCEPTABLE LIMITS AND TO REMOVE DECOMPOSITION PRODUCTS.

Protective Gloves:CHEMICAL RESISTANT GLOVES ARE REQUIRED FOR REPEATED CONTACT.

Eye Protection:USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

Supplemental Safety and Health

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

Boiling Pt:>93.3C, 200.F

B.P. Text:200-382F

Vapor Density:>AIR

VOC Grams/Liter:2.2

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:FUMES MAY CONTAIN CARBON MONOXIDE

AND  
OXIDES OF NITROGEN. MAY PRODUCE HAZARDOUS FUMES WHEN TO  
DECOMPOSITION AS IN WELDING.

===== Regulatory Information =====

SARA Title III Information:SARA 313, HEXAMETHYLENE DIISOCYANATE  
822-06-02 2%, XYLENE 1330-20-7 13%  
Federal Regulatory Information:CLEAN AIR ACT, HEXAMETHYLENE  
DIISOCYANATE 822-06-02 2%, XYLENE 1330-20-7 13%  
State Regulatory Information:NEW JERSEY RIGHT TO KNOW LAW INGREDIENTS.  
HEXAMETHYLENE DIISOCYANATE 822-06-0, (HOMO  
POLYMER) HEXAMETHYLENE  
DIISOCYANATE 28182-81-2, BUTYL ACETATE 123-86-4, XYLENE 1330-20-7

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