

HENTZEN COATINGS INC -- CATALYST FOR POLYEURETHANE COATING 07111CMU --  
8010-01-426-5513

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

Product ID:CATALYST FOR POLYEURETHANE COATING 07111CMU

MSDS Date:01/01/1995

FSC:8010

NIIN:01-426-5513

Kit Part:Y

MSDS Number: CDWBF

=== Responsible Party ===

Company Name:HENTZEN COATINGS INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

ZIP:53218-1225

Country:US

Info Phone

Num:414-353-4200

Emergency Phone Num:414-353-4200 800-424-9300(CHEMTREC)

Preparer's Name:JANE FREEMAN

CAGE:09225

=== Contractor Identification ===

Company Name:HENTZEN COATINGS INC

Address:6937 WEST MILL ROAD

Box:18749

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Phone:414-353-4200

CAGE:09225

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

Ingred Name:ESTER OF OXO-ALCOHOL

CAS:90438-79-2

Fraction by Wt: 30.397%

Other REC Limits:50PPM MFR

Ingred Name:HEXAMETHYLENE DIISOCYA

NATE MONOMER  
CAS:822-06-7  
Fraction by Wt: 0.139%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.005 PPM  
ACGIH TLV:0.005 PPM

Ingred Name:HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE (HDI)  
CAS:28182-81-2  
RTECS #:NQ9170000  
Fraction by Wt: 50-75%  
Other REC Limits:0.5 MG/M3/STEL 1MGM3

===== 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:ACUTE: IN  
HAL: IRRIT, (RUNNY NOSE/SORE  
THROAT/COUGH/CHEST DISCOMFORT/SHORTNESS OF BREATH/REDUCED LUNG  
FUNCTION). CHEMICAL/HYPERSENSITIVE PNEUMONITIS, (FLU-LIKE SYMPTOMS,  
FEVER, CHILLS), THROAT DRYNESS, HEADACHE, NAUSEA, FATIGUE, LOSS OF  
APPETITE. SKIN: IRRIT  
(RED/RASH/SWELL/SCALING/BLISTER/SENSITIZATION)/DEFATTING \*  
Effects of Overexposure:NK \*DERMATITIS. EYE: IRRIT  
(TEAR/RED/SWELL/STINGING SENSITZATION) CORNEAL DAMAGE. INGEST:  
IRRIT, CORROSION (SORE THROAT/ABDOMINAL PAIN/NA  
USEA/VOMIT/DIARRHEA)  
CHEMICAL PNEUMONITIS. CHRONIC: CHEST TIG  
HTNESS/WHEEZE/COUGH/ASTHMATIC ATTACK/LUNG DAMAGE. SKIN:  
RED/SWELL/RASH/SCALING/BLISTER/SENSITIZATION.  
Medical Cond Aggravated by Exposure:SKIN ALLERGIES AND EXEMA, ASTHMA &  
OTHER RESPIRATORY AILMENTS, CHEMICAL SENSITIZATION.

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

First Aid:INHAL: REMOVE TO FRESH AIR. RESTORE BREATHING. CALL DR. EYES:  
FLUSH IMMED W/LUKE WARM RUNNING WATER >15 MIN, LIF  
T LIDS. GET MED  
AID. SKIN: REMOVE CONTAM CLOTHES/WASH BEFORE REUSE. USE SAFETY  
SHOWER (W ASH W/SOAP/WATER). GET MED AID. INGEST:CALL DR IMMED.  
DON'T INDUCE VOMITING.

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

Flash Point Method:TCC  
Flash Point:151F,66C  
Autoignition Temp:Autoignition Temp Text:NA  
Lower Limits:1.0  
Upper Limits:8.0  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL FOAM OR ALCOHOL FOAM  
Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT W/SCBA.

DURING A

FIRE, IRRITATING & HIGHLY TOXIC GASES & SMOKE ARE PRESENT FROM THE DECOMPOSITION/COMBUSTION PRODUCTS.

Unusual Fire/Explosion Hazard:CONTAINERS MAY EXPLODE W/HEAT OR BURST WHEN CONTAMINATED W/H2O (CO2 RELEASED). DON'T APPLY TO HOT SURFACES, WELD, CUT, OR TORCH DRUM.

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

Spill Release Procedures:EVAC AREA, REMOVE IGNITS, VENT AREA, USE APPROPRIATE PROTECTIVE EQUIPMENT, AVOID VAPOR BREATHING/SKIN CONT

ACT/PREVENT ENTRY INTO SEWER/WATERWAY/DRAINS/NOTIFY AUTHORITIES/COVER W/ABSORBENT/DECONTAM >10 MIN/COLLECT IN OPEN CNTNR FOR DECONTAM

Neutralizing Agent:AMMONIA 3-8%, DETERGENT 2%, WATER 90-95%, OR TERIGITOL 20%, WATER 80%

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

Handling and Storage Precautions:DONT BREATH VAPORS, AVOID SKIN CONTACT, STORE 32F, STORE LG AMT IN BLDGS COMPLYING W/OSHA 29CFR1910.106, NO IGNITS, KEEP CNTNR TIGHTLY CLSD

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Exposure Controls/Personal Protection =====

Respiratory Protection:AIRLINE RESPIRATORS UNLESS AIR SAMPLING SHOWS EXPOSURE BELOW OSHA LIMITS. IF BELOW LIMITS USE CHEMICAL CARTRIDGE RESPIRATORS OR AIRLINE RESPIRATORS.

Ventilation:LOCAL EXHAUST VENTILATION TO KEEP AIR CONTAMINANT CONCENTRATION BELOW LIMITS.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GLASSES, FULL-FACE SHIELD

Other Protective Equipment:BARRIER CREAM.

Supplemental Safety and Health

(MORE INFORMATION ON FILE).

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

Boiling Pt:B.P. Text:349 TO 392F

Melt/Freeze Pt:M.P/F.P Text:NA

Vapor Pres:~.8

Vapor Density:>AIR

Spec Gravity:1.05

pH:NA

VOC Grams/Liter:2.66

Evaporation Rate & Reference:(