

HENTZEN COATINGS INC -- CATALYST FOR POLYEURETHANE COATING 07111CMU --  
8010-01-426-5522

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

Product ID:CATALYST FOR POLYEURETHANE COATING 07111CMU

MSDS Date:01/01/1995

FSC:8010

NIIN:01-426-5522

Kit Part:Y

MSDS Number: CDWBK

=== 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:50 PPM MFR

Ingred Name:HEXAMETHYLENE DIISOCY

ANATE MONIMER

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/STEL1 MGM3

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: I

NHAL: 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 SENSITIZATION) CORNEAL DAMAGE. INGEST:

IRRIT, CORROSION (SORE THROAT/ABDOMINAL PAIN/N

AUSEA/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.

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===== First Aid Measures =====  
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First Aid:INHAL: REMOVE TO FRESH AIR. RESTORE BREATHING. CALL DR. EYES:  
FLUSH IMMED W/LUKE WARM RUNNING WATER >15 MIN, LI

FT 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.

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

TACT/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

(MOR

E 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:(