

HENTZEN COATINGS, INC -- MIL-P-53022B TYPE I CATALYST EPOXY, 05511CEH-X, PART B --
8010-01-193-0517

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

Product ID:MIL-P-53022B TYPE I CATALYST EPOXY, 05511CEH-X, PART B

MSDS Date:06/16/1994

FSC:8010

NIIN:01-193-0517

Kit Part:Y

MSDS Number: BVVDD

=== Responsible Party ===

Company Name:HENTZEN COATINGS, INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

ZIP:53218

C

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

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

Ingred Name:1-METHOXY-2-PROPANOL (SOLVENT)

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 27.421%

Other REC Limits:

STEL: 150 PPM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:EPOXY RESIN
Fraction by Wt: 20-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLUENE (SOLVENT) (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 4.908%
Other REC Limits:SKIN NOTATION
OSHA PEL:100 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BUTYL ALCOHOL (SOLVENT) (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 15.921%
Other REC Limits:SKIN NOTATION
OSHA PEL:50 PPM (CEILING)
ACGIH
TLV:50 PPM (CEILING)
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL AMYL KETONE (SOLVENT)
CAS:110-43-0
RTECS #:MJ5075000
Fraction by Wt: 21.590%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM

Ingred Name:XYLENE (SOLVENT) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 5.504%
Other REC Limits:STEL: 150 PPM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VOC: 5.758 LBS/GAL 689.981 GRAMS/LITER
RTECS #:9999999

VO

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

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

Health Hazards Acute and Chronic:INHALATION: ANESTHETIC. IRRITANT.

RESPIRATORY TRACT/MUCOUS MEMBRANE IRRITATION

(HEADACHE,NAUSEA,DIZZINESS). SKIN/EYE: CORROSIVE. MAY CAUSE SKIN &

EYE BURNS. INGESTION: MUCOSAL DAMAGE. CHRONIC: REPORTS ASSOCIATED

REPEATED/PROLONGED OVEREXPOSURE W/PERMANENT BRAIN & NERVOUS SYSTEM
DAMAGE

, LIVER & KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY
AILMENTS; CHEMICAL SENSITIZATION.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP
WARM & QUIET. NOTIFY A PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH
LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES. TAKE TO A
PHYSICIAN FOR MEDICAL TREATMENT. SKIN: WASH AFFECTED AREAS WITH
SOAP AND WATER. REMOVE C

ONTAMINATED CLOTHING. CONSULT A PHYSICIAN.

INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:42.0F,5.6C

Autoignition Temp:Autoignition Temp Text:650 F

Lower Limits:1.1

Upper Limits:36.5

Extinguishing Media:FOAM, DRY CHEMICAL, CO2

Fire Fighting Procedures:FULL PROTECT EQUIP W/SCBA.WATER SPRAY MAY BE
INEFFECTIVE,USE TO COOL (FOG NOZZLES PREFERRED) CLOSED CONTAINER TO

PREVENT PRESSURE BLDUP,AUTOIGNITION OR EXPLOSION

Unusual Fire/Explosion Hazard:KEEP CONTAINER CLOSED.KEEP FROM

HEAT/IGNIT SOURCE.CLSD CNTNR MAY EXPLODE W/HEAT.DON'T APPLY TO HOT
SURFACES.NEVER USE WELD/CUT TORCH ON/NEAR DRUM (EVEN EMPTY).

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT
SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). AVOID
BREATHING VAPORS. VENTILATE AREA. CONTAIN AN

D REMOVE WITH INERT
ABSORBENT AND NONSPARKING TOOLS .

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. STORE LARGE
QUANTITIES IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP
AWAY FROM SPARKS AND OPEN FLAME.

Other Precautions:DON'T INGEST. GROUND CONTAINERS WHEN POURING. AVOID
FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. USE WITH ADEQUATE
VENTILATION & RESPIRATORY EQUIP. AVOID PROLONGED B
REATHING OF VAPOR
OR SPRAY MIST. AVOID PROLONGED/REPEATED SKIN CONTACT. *

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

Respiratory Protection:IN OPEN AREA DURING SAND/GRINDING,USE NIOSH
MECHAN FILTER RESPRTR.IN RESTRICTD VENT,WEAR NIOSH CHEM/MECHAN
FILTER RESPRTR.IN CONFIND AREA,WEAR NIOSH AIR SUPPLD
RESPRTR/HOOD.USE NIOSH RESPRTR WHEN FLAM E CUT,WELD,HAZING MAT'L
COATED W/PRODUCT

Ventilation:PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENT TO KEEP AIR

CONTAMINANT CONCENTRATION BELOW PEL & REMOVE DECOMP PRODUCTS

Protective Gloves:REQUIRED FOR PROLONGED/REPEATED CONTACT.

Eye Protection:SAFETY EYEWEAR W/SPLASH GUARD/SIDESHIELD

Other Protective Equipment:USE PROTECTIVE SKIN CREAM WHERE CONTACT IS
LIKELY. PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH
HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

Supplemental Safety and Health

* OTHER

PRECAUTIONS CONT'D: EMPTIED CONTAINERS MAY RETAIN HAZARDOUS
RESIDUE OR EXPLOSIVE VAPORS. FOLLOW ALL HAZARDS PRECAUTIONS IN THIS
DATA SHEET UNTIL CONTAINER IS THOROUGHLY CLEANED OR DESTROYED.

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

Boiling Pt:B.P. Text:230 TO 305F

Decomp Temp:Decomp Text:400F,204C

Vapor Pres:22.00 @68F

Vapor Density:> AIR

Spec Gravity:0.90

Viscosity:10-15"#4 FORD

Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:OPAQUE LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:80.62

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Hazardous Decomposition Products:MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSITION AS IN WELDING. FUMES MAY CONTAIN CARBON MONOXIDE AND DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE

WITH LOCAL, STATE, AND

FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

INCINERATE IN AN APPROVED FACILITY. EPA HAZARDOUS WASTE CODE: D001, IGNITABLE.

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