

HENTZEN COATINGS, INC -- MIL-P-53022B TYPE I CATALYST EPOXY, 05511CEH-X, PART B --
8010-01-187-9820

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

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

MSDS Date:06/16/1994

FSC:8010

NIIN:01-187-9820

Kit Part:Y

MSDS Number: BVVDB

=== 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

===== 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
ACGIH TLV:50 PPM

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 #:9999999VO
Other REC Limits:

NONE RECOMMENDED

=====
===== 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 DAM

AGE.

Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY

AILMENTS; CHEMICAL SENSITIZATION.

=====
===== 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 AFFECTEDAREAS WITH

SOAP AND WATER. REMOVE CONTAMINATED CLOTHING

. CONSULT A PHYSICIAN.

INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

=====
===== 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 REFERED) CLOSED CONTAINER TO

PREVENT PRESSURE BL

DUP,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).

=====
===== 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 AND REMOVE WITH INERT

ABSORBENT AND NONSPARKING TOOLS .

===== 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 BREATHING OF VAPOR

OR SPRAY MIST. AVOID PROLONGED/REPEATED SKIN CONTACT. *

===== 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 CON

CENTRATION 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.

===== 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

Appearanc

e 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.

=====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate

and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.