

HENTZEN COATINGS, INC -- EPOXY HARDENER FOR GLOSS MIL-C-22750E 08526CEH,  
COMPONENT B -- 8010-01-313-8700

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

Product ID:EPOXY HARDENER FOR GLOSS MIL-C-22750E 08526CEH, COMPONENT B

MSDS Date:06/16/1994

FSC:8010

NIIN:01-313-8700

Kit Part:Y

MSDS Number: BVVFT

=== Responsible Party ===

Company Name:HENTZEN COATINGS, INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

Z

IP:53218

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:METHYL ISOBUTYL KETONE (SOLVENT) (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt:

14.911%  
Other REC Limits:STEL: 75 PPM  
OSHA PEL:50 PPM  
ACGIH TLV:50 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (SOLVENT) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 19.459%  
Other REC Limits:STEL: 300 PPM  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:EPOXY RESIN  
Fraction by Wt: 50-75%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC: 2.889 LBS/GAL 346.188 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:N  
ONE RECOMMENDED

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN: IRRITATION, SENSITIZATION &  
DERMATITIS. EYE: IRRITATION. INHALTION: NAUSEA & RESPIRATORY TRACT  
IRRITATION. CHORNIC: REPORTS ASSOCIATE REPEATED & PROLONGED  
OVEREXPOSURE WITH PERMANENT BRAIN & NER VOUS SYSTEM DAMAGE, LIVER &  
KIDNEY DAMAGE. PROLONGED/REPEATED SKIN CONTACT: DERMATITIS &/OR  
ALLERGIC SKIN  
REACTIONS.  
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 CL

OTHING. CONSULT A PHYSICIAN.

INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:21.0F,-6.1C

Lower Limits:1.2

Upper Limits:10.0

Extinguishing Media:FOAM, DRY CHEMICAL, CO2

Fire Fighting Procedures:FULL PROTECT EQUIP W/SCBA.WATER SPRAY MAY BE INEFFECTIVE,USE TO COOL (FOG NOZZLES PREFERED) CLOSED CONTAINER TO PREVENT PRESSURE BLDUP,AUTOIGNITION OR EXPLOSION

Unusual Fi

re/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 .

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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 BREATHING OF VAPOR OR SPRAY MIST. AVOID PROLONGED/REPEAT ED 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 CONCENTRATION BELOW PEL & REMOVE DECOMP PRO

DUCTS

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:170 TO 242F

Decomp Temp:Decomp Text:400F,204C

Vapor Pres:74.00 @68F

Vapor Density:> AIR

Spec Gravity:1.00

Viscosity:18" #2 ZAHN C

Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:OPAQUE LIQUID, SOLVENT ODOR

P

ercent Volatiles by Volume:43.11

===== 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 INCI

NERATE CLOSED CONTAINERS.

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

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