

HENTZEN COATINGS, INC -- MIL-P-53022B, TYPE II CATALYST, PART B -- 8010-01-309-0328

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

Product ID:MIL-P-53022B, TYPE II CATALYST, PART B

MSDS Date:12/02/1993

FSC:8010

NIIN:01-309-0328

Kit Part:Y

MSDS Number: BTGLQ

=== Responsible Party ===

Company Name:HENTZEN COATINGS, INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

ZIP: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:1-METHOXY-2-PROPANOL SOLVENT

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 45.016%

Other REC Limits:NONE RECOMME

OSHA PEL:100 PPM;STEL

150 PPM  
ACGIH TLV:100 PPM;STEL 150 PPM

Ingred Name:EPOXY RESIN  
Fraction by Wt: 30-40%  
Other REC Limits:NONE RECOMME

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: 2.333%  
Other REC Limits:NONE RECOMME  
OSHA PEL:50 PPM; STEL 75 PPM  
ACGIH TLV:50 PPM; STEL 75 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE SOLVENT (SARA III)  
CAS:95-63-6  
RTECS #:DC3325000  
Fraction by Wt: 4.468%  
Other REC Limits:NONE RECOMME  
OSHA PEL:25  
PPM  
ACGIH TLV:25 PPM

Ingred Name:AROMATIC HYDROCARBON SOLVENT (MIXTURE OF C8'S TO C10'S)  
CAS:64742-95-6  
Fraction by Wt: 8.797%

Ingred Name:VOC: 4.991 LBS/GAL; 598.071 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMME

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

Health Hazards Acute and Chronic:INHALATION: ANESTHETIC. RESPIRATORY TRACT IRRITATION, ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGERING, CONFUSION, COMA). SKIN OR EYE: IRRITATION.  
CHRONIC OVEREXPOSURE: REPEATED OR PRO LONGED OVEREXPOSURE WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE, LIVER, KIDNEY DAMAGE.  
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 AND QUIET. NOTIFY PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 M

INUTES. TAKE TO A

PHYSICIAN FOR MEDICAL TREATMENT. SKIN: WASH AFFECTED AREAS 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:60.0F,15.6C

Lower Limits:0.9

Upper Limits:36.5

Extinguishing Media:FOAM, DRY CHEMICAL, CO2

Fire Fighting Procedures:WEAR PROTECT EQUIP INCLUDING SCBA. WATER MAY BE

INEFFECTIVE, USE WATER (FOG NOZZLES PREFERRED) COOL CLOSED CNTNR TO PREVENT PRESSURE BLDUP,AUTOIGNITN,EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONTAINER TIGHTLY CLOSED. KEEP FROM HEAT/IGNIT SOURCE. CLOSED CNTNR MAY EXPLODE W/HEAT. DON'T APPLY TO HOT SRFCS. NEVER USE WELD/CUT TORCH ON/NEAR DRUM.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES, ELECTRICAL, STATIC OR FRICTIONAL SPARKS). AVOID BREATHING

VAPORS. VENTILATE AREA. CONTAIN & 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 & OPEN FLAME. DON'T INGEST.

Other Precautions:GROUND CONTAINERS WHEN POURING. AVOID LIQUID FREE FALL >FEW INCHES. USE W/VENT & RESP EQUIP. AVOID PROLONGED VAPOR

BREATHING. AVOID PROLONGED/REPEATED SKIN CONTACT. EMPTIED CNTNR RETAIN HZD RESIDUE/EX PLOSIVE VAPOR. OBEY ALL HZD PRECAUTIONS.

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

Respiratory Protection:WHEN SPRAYED IN OUTDOOR OR DURING

SANDING/GRINDING: NIOSH MECHAN FILTER RSPRTR (RMV SOLID PARTICLES). RESTRICTED AREA: NIOSH CHEM/MECHAN FILTER. CONFINED AREA: NIOSH AIR SUPPLIED RSPRTR/HOOD. USE NIO SH RSPRTR WHEN CUT/WELD HAZING TORCH.

V

entilation:GENRL DILUTN/LOCAL EXHAUST VENT TO KEEP BELOW PEL/TLV WHILE MIXING,APPLICATION,CURING,REMOVE DECOMP FROM WELD/FLAME CUT.  
Protective Gloves:REQ'D FOR PROLONGED OR REPEATED CONTACT  
Eye Protection:SAFETY EYEWEAR W/SPLASH GUARDS/SIDE SHLD  
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

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

Boiling Pt:B.P. Text:232 TO 418F  
Decomp Temp:Decomp Text:400F,204C  
Vapor Pres:15.00 @68F  
Vapor Density:> AIR  
Spec Gravity:0.97  
Viscosity:20-40"ZAHNCUP  
Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:AMBER LIQUID, SOLVENT ODOR  
Percent Volatiles by Volume:66.41

===== 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. MAY CONTAIN CARBON MONOXIDE & CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP AWAY FROM SPARKS AND OPEN FLAME. EPA HAZARDOUS WASTE NUMBER/CODE: D001, IGNITABLE. DISPOSAL METHODS: INCINERATION.

===== 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 perso

n utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.