

HENTZEN COATINGS, INC -- MIL-P-53022B, TYPE I CATALYST, 5511CEH-X -- 8010-01-187-9820

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Product Identification  
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Product ID:MIL-P-53022B, TYPE I CATALYST, 5511CEH-X

MSDS Date:12/02/1993

FSC:8010

NIIN:01-187-9820

Kit Part:Y

MSDS Number: BTGJB

=== 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

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Composition/Information on Ingredients  
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Ingred Name:1-METHOXY-2-PROPANOL SOLVENT

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 26.770%

Other REC Limits:NONE RECOMME

OSHA PEL:100 PPM;

STEL 150 PPM  
ACGIH TLV:100 PPM;STEL 150 PPM

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 2.608%  
Other REC Limits:SKIN NOTATIO  
OSHA PEL:100 PPM  
ACGIH TLV:50 PM  
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: 15.542%  
Other REC Limits:NONE RECOMME  
OSHA PEL:50 PPM (CEILING)  
ACGIH TLV:50 PPM (CEILING)  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Ingred Name:METHYL ISOBUTYL KETONE SOLVENT (SARA III)  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: 6.153%  
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:METHYL ETHYL KETONE SOLVENT (2-BUTANONE) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 18.407%  
Other REC Limits:NONE RECOMME  
OSHA PEL:200 PPM;STEL 300 PPM  
ACGIH TLV:200 PPM;STEL 300 PPM  
EPA Rpt Qty

:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 5.371%  
Other REC Limits:NONE RECOMME  
OSHA PEL:100 PPM;STEL 150 PPM  
ACGIH TLV:100 PPM;STEL 150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:VOC: 5.681 LBS/GAL; 680.754 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMME

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

Health Hazards Acute and Chronic:INHALATION: ANESTHETIC. RESPIRATORY  
TRA  
CT 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.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. K  
EEP  
WARM AND QUIET. NOTIFY 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.

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

Flash Point Method:TCC  
Flash Point:21.0F,-6.1C  
Autoignition Temp:Autoignition T

emp Text:650 F

Lower Limits:1.1

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.

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=== 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:DON'T STORE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP

AWAY FROM SPARKS AND 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 RESPRTR (

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.

Ventilation: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 LIKEL

Y. 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:170 TO 290F  
Decomp Temp:Decomp Text:400F,204C  
Vapor Pres:74.00 @68F  
Vapor Density:> AIR  
Spec Gravity:0.90  
Viscosity:\*  
Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR LIQUID, SOLVENT ODOR  
Percent Volatiles by Volume:80.19

===== 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:DISPOS  
E 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.

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