

HENTZEN COATINGS, INC -- MIL-P-53022B TY II CATALYST, 04489CEH, PART B -- 8010-01-309-0329

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Product Identification
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Product ID:MIL-P-53022B TY II CATALYST, 04489CEH, PART B

MSDS Date:06/16/1994

FSC:8010

NIIN:01-309-0329

Kit Part:Y

MSDS Number: BVNHQ

=== Responsible Party ===

Company Name:HENTZEN COATINGS, INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Info Phon

e 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: 45.016%

Other REC Limits:STEL: 150 PPM

OSHA

PEL:100 PPM
ACGIH TLV:100 PPM

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

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 2.333%
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:1,2,4-TRIMETHYLBENZENE (SOLVENT) (SARA III)
CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: 4.468%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM

Ingred Name:AROMATIC HYDROCARBON (MIXTURE OF C8'S TO C10'S)
CAS:64742-95-6
Fraction by Wt: 8.797%
Other REC Limits:MFR'S LIMIT: 100 PPM

Ingred Name:VOC: 4.991 LBS/GAL 598.071 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,D

IZZINESS). 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 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:60.0F,15.6C

Lower Limits:0.9

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 BUILDUP,AUTOIGNITION OR EXPLOSION

Unusual Fire/Explosion Hazard:KEEP CONTAINER CLOSED.KEEP FROM HEAT/IGNIT SOURCE.CLOSED 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:RE

MOVE 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/REPEATED SKIN CONTACT. *

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

Respiratory Protection:OPEN AREA DURING SAND/GRINDING,USE NIOSH MECHAN
FILTER RESPRTR.RESTRICTED VENT,WEAR NIOSH CHEM/MECHAN FILTER
RESPRTR.CONFINED AREA,WEAR NIOSH AIR SUPPLIED RESPRTR/HO

OD. USE

NIOSH RESPRTR WHEN FLAME CUTTING,WELDING,HAZING MAT'L COATED
W/PROD

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.

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

Boiling Pt:B.P. Text:232 TO 418F

Decomp Temp:Decomp Text:400F,204C

Vapor Pr

es:15.00 @68F

Vapor Density:> AIR

Spec Gravity:0.97

Viscosity:20-40"#3 ZAHN

Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:OPAQUE 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. FUMES MAY CON

TAIN 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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