

HENTZEN COATINGS, INC -- MIL-P-53022B TY II CATALYST, 04489CEH, PART B -- 8010-01-309-0328

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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:01-309-0328

Kit Part:Y

MSDS Number: BVNHN

=== Responsible Party ===

Company Name:HENTZEN COATINGS, INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Info Pho

ne 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

In
gred 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,

DIZZINESS). SKIN/EYE: CORROSIVE. MAY CAUSE SKIN & EYE BURNS.

INGESTION: MUCOSAL DAMAGE. CHRONIC: REPORTS ASSOCIATED REPEATED OR PROLONGED 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. 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. CLSD 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:

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

T. 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. *

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

Respiratory Protection:OPEN AREA DURING SAND/GRINDING,USE NIOSH MECHAN FILTER RSPRTR.RESTRICTED VENT,WEAR NIOSH CHEM/MECHAN FILTER RSPRTR.CONFINED AREA,WEAR NIOSH AIR SUPPLIED RESPIRATOR OR HOOD.USE NIOSH RSPRTR 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 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.

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===== 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"#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

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===== 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. FUME

S 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

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