

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

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

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 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: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:647
42-95-6
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.

===== 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.

===== 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 CONTNR 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 .

===== 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 RESPIRATOR.RESTRICTED VENT,WEAR NIOSH CHEM/MECHAN FILTER
RESPIRATOR.CONFINED AREA,WEAR NIOSH AIR SUPPLIED RESPIRATOR OR
HOOD.USE NIOSH RESPIRATOR WHEN FLAME CUT,WELD,HAZARDOUS

G 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.

===== 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

Visc

osity: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 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

=====

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