

HENTZEN COATINGS, INC -- OFF WHITE HIGH SOLIDS PRIMER, 04488WEP-3, PART A --
8010-01-309-0327

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

Product ID:OFF WHITE HIGH SOLIDS PRIMER, 04488WEP-3, PART A

MSDS Date:06/15/1994

FSC:8010

NIIN:01-309-0327

Kit Part:Y

MSDS Number: BVNHK

=== Responsible Party ===

Company Name:HENTZEN COATINGS, INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

In

fo 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:METHYL ISOAMYL KETONE (SOLVENT)

CAS:110-12-3

RTECS #:MP3850000

Fraction by Wt: 15.172%

Other REC Limits:NONE RECOMM

ENDED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM

Ingred Name:SILICEOUS EXTENDER (PIGMENT)
Fraction by Wt: 20-30%
Other REC Limits:NUISANCE DUST
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:TITANIUM DIOXIDE (PIGMENT)
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 20-30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:SILICA (PIGMENT)
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3

Ingred Name:EPOXY RESIN
Fraction by Wt: 15-20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:1-METHOXY-2-PROPANOL (SOLVENT)
CAS:107-98-2
RTECS #:UB7700000
Fraction by Wt: 6.793%
Other REC Limits:STEL: 150 PPM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:ZINC (METAL) (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 1.615%
Other REC Limits:NUISANCE DUST
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VOC: 3.117 LBS/GAL 373.510 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE

RECOMMENDED

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:SKIN: IRRITATION, SENSITIZATION &
DERMATITIS. EYE: IRRITATION. INHALATION: NAUSEA & RESPIRATORY TRACT
IRRITATION. CHRONIC OVEREXPOSURE: REPORTS ASSOCIATE REPEATED &
PROLONGED OVEREXPOSURE W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE,
LIVER & KIDNEY DAMAMGE. PROLONGED/REPEATED CONTACT: DERMATITIS &/OR
ALLERGIC REACT
IONS.
Explanation of Carcinogenicity:IARC HAS LISTED SILICA AS A "PROBABLE
HUMAN CARCINOGEN." MAY CAUSE LUNG INJURY IF RESPIRATORY PRECAUTIONS
ARE NOT USED.
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 AND QUIET. NOTIFY A PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH
LARGE AMOUNTS OF RUN
NING WATER FOR AT LEAST 15 MINUTES. TAKE TO A
PHYSICIAN F OR MEDICAL TREATMENT. SKIN: WASH AFFECTED AREA WITH
SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN.
INGESTION: CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:92.0F,33.3C
Lower Limits:1.0
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 PREFERED)CLOSED CONTAINER TO
PREVENT PRESSURE BLDUP,AUTOIGNITION OR EXPLOSION.
Unusual Fire/Explosion Hazard:KEEP CNTNR CLSD.KEEP FROM HEAT,IGNIT
SOURCE.CLSD CNTNR MAY EXPLODE W/HEAT.DON'T APPLY TO HOT
SURFACE.NEVER USE WELD/CUT TORCH ON/NEAR DRUM (EVEN EMPTY)-EXPLODE.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT
SURFACES AND E

LECTRICAL, 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 TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. DO NOT STORE ABOVE 120F.
Other Precautions:STORE LRG QTY IN BLDGS IN COMPLIANCE W/OSHA 1910.106. KEEP AWAY FROM SPARKS & OPEN FLAME. USE W/VENT & RESPRTRY EQUIP. AVOID SKIN CONTACT. EMPTY CNTNRS RETAIN HZD RESIDUE/EXPLOSIVE VAPOR. FOLLOW PRECA UTIONS UNTIL CNTNR CLEANED OR DESTROYED.

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

Respiratory Protection:OPEN AREA DURING SAND/GRINDING,USE NIOSH MECHAN FILTER RESPRTR.RESTRICTED VENT,WEAR NIOSH CHEM/MECHAN FILTER.CONFINED AREAS,WEAR NIOSH AIR SUPPLIED RESPIRATOR/HOOD.USE NIOSH RSPRTR WHEN FLAME CUT/WELD ING,HAZING M AT'L COATED W/PRODUCT.
Ventilation:PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENT TO KEEP AIR CONTAMINANT CONCENTRATION BELOW OSHA PEL & REMOVE DECOMP PROD
Protective Gloves:REQUIRED FOR PROLONGED/REPEATED CONTACT.
Eye Protection:SAFETY EYEWEAR W/SPLASH GUARD/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 BEFOR E EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:243 TO 298F
Decomp Temp:Decomp Text:400F,204C
Vapor Pres:8.00 @ 68F
Vapor Density:> AIR
Spec Gravity:1.58
Viscosity:65 - 80 KU
Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE
Solubility in Water:NEGLIGIBLE
Appearance and Odor:OPAQUE LIQUID, SOLVENT ODOR
Percent Volatiles by Volume:44.36

===== Stabi

lity 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 & 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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