

HENTZEN COATINGS, INC -- OFF-WHITE PRIMER, MIL-P-53022B, TY I, PART A -- 8010-01-187-9820

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Product Identification
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Product ID:OFF-WHITE PRIMER, MIL-P-53022B, TY I, PART A

MSDS Date:12/02/1993

FSC:8010

NIIN:01-187-9820

Kit Part:Y

MSDS Number: BTGHZ

=== 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:TITANIUM DIOXIDE PIGMENT

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 15-20%

Other REC Limits:NONE RECOMME

OSHA PEL:10

MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:TALC PIGMENT
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 15-20%
Other REC Limits:NONE RECOMME
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:1-METHOXY-2-PROPANOL SOLVENT
CAS:107-98-2
RTECS #:UB7700000
Fraction by Wt: 15.143%
Other REC Limits:NONE RECOMME
OSHA PEL:100 PPM;STEL 150 PPM
ACGIH TLV:100 PPM;STEL 150 PPM

Ingred Name:METHYL ETHYL KETONE SOLVENT (2-BUTANONE) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 6.535%
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:BUTYL ALCOHOL SOLVENT (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 9.594%
Other REC Limits:SKIN NOTATIO
OSHA PEL:50 PPM (CEILING)
ACGIH TLV:50 PPM (CEILING)
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 5.967%
Other REC Limits:SKIN NOTATIO
OSHA PEL:100 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:1

000 LBS
DOT Rpt Qty:1000 LBS

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

Ingred Name:ZINC METAL (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 1.692%
Other REC Limits:NUISANCE DUS
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:UNREGULATED CORROSION INHIBITIVE PIGMENT
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMME

Ingred Name:VOC: 4.238 LBS/GAL; 507.839 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE RECOMME

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Hazards Identification =====

Health Hazards Acute and Chronic:INHAL: ANESTHETIC. RESP TRACT IRRIT,
ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGERING,
CONFUSION, COMA). SKIN OR EYE: IRRIT. CHRONIC:REPEATED & PROLONGED
OVEREXPOSURE TO SOLVENTS W/PER MANENT BRAIN & NERVOUS SYSTEM
DAMAGE, LIVER, KIDNEY DAMAGE. MAY CAUSE LUNG INJURY IF RESPIRATORY
PRECAUTION NOT USED.

Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY
AILMENTS; C
HEMICAL SENSITIZATION.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP
WARM & QUIET. NOTIFY PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH LARGE
AMOUNTS OF RUNNING WATER AT LEAST 15 MINUTES. TAKE TO PHYSICIAN FOR
MEDICAL TREATMENT. SKIN: WASH AFFECTED AREAS WITH SOAP & WATER.
REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN. INGESTION: CALL
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 Temp Text:532 F

Lower Limits:1.3

Upper Limits:36.5

Extinguishing Media:FOAM, DRY CHEMICAL, CO2

Fire Fighting Procedures:WEAR FULL PROTECTIVE EQUIP INCLUDING SCBA.

WATER MAY BE INEFFECTIVE,USE TO COOL (FOG NOZZLE PREFERRED) CLOSED CONTAINER (PREVENT PRESSR BLDUP,AUTOIGNIT,EXPLOSN)

Unusual Fire/Explosion Hazard:KEEP CONTAINER TIGHTLY CLSD. KEEP FRO
M

HEAT/IGNIT SOURCE. CLOSED CONTAINER MAY EXPLODE W/HEAT. DON'T APPLY TO HOT SURFACE. NEVER USE WELD/CUT TORCH ON/NEAR DRUM

===== 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 =====

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Handling and Storage Precautions:DON'T STORE ABOVE 120F.STORE LRG QTY IN BLDGS IN COMPLY W/OSHA1910.106.KEEP AWAY FROM SPARKS/FLAME.EMPTIED CNTNR RETAIN HZD RESIDUE & EXPLOSIVE VAPOR.

Other Precautions:DON'T INGEST.GROUND CNTNR WHEN POURING. AVOID LIQ FREE FALL >FEW INCHES. USE W/VENT & RSPRTRY EQUIP. AVOID PROLONGED VAPOR BREATHING/SPRAY MIST. AVOID PROLONGED/REPEATED SKIN CONTACT. FOLLOW PRECAUTIO NS IN MSDS TILL CNTNR CLEANED/DESTROYED.

===== Exposure Contr
ols/Personal Protection =====

Respiratory Protection:WHEN SPRAY IN OUTDOOROR DURING SAND/GRINDING: NIOSH MECHAN FILTER RSPRTR (REMOVE SOLID PARTICLES). RESTRICTED AREA: NIOSH CHEM/MECHAN FILTER (SOLID & GAS). CONFINED AREA: NIOSH AIR SUPPLD RSPRTR/HOOD. USE NIOSH RSPRTR WHEN WELD,CUT,HAZING.

Ventilation:GENRL DILUTN/LOCAL EXHAUST TO KEEP BELOW PEL IN MIXING,APPLICATION & CURING AREAS & REMOVE DECOMP FROM WELD & FLAME CUT.

Protective Gloves:REQURED FOR PROLONGED/REP

EATED CONTACT

Eye Protection:SAFETY EYEWEAR W/SPLASH GUARDS,SIDE SHLD

Other Protective Equipment:PROTECTIVE SKIN CREAM IF CONTACT

LIKELY.PREVENT PROLONGED SKIN CONTACT W/CONTAM CLOTHES.WASH CONTAM CLOTHES BEFORE REUSE

Work Hygienic Practices:WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREA ONLY.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:170 TO 257F

Decomp Temp:Decomp Text:400F,204C

Vapor Pre

s:74.00 @68F

Vapor Density:> AIR

Spec Gravity:1.33

Viscosity:63-73 KU

Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:OPAQUE LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:59.18

===== 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:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. INCINERATE IN AN APPROVED FACILITY. EPA HAZARDOUS WASTE NUMBER CODE: D001, IGNITABLE. DISPOSAL METHODS: INCINERATION.

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