

HENTZEN COATINGS, INC -- OFF-WHITE HIGH SOLIDS PRIMER, MIL-P-53022B, PART A --  
8010-01-309-0329

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

Product ID:OFF-WHITE HIGH SOLIDS PRIMER, MIL-P-53022B, PART A

MSDS Date:12/02/1993

FSC:8010

NIIN:01-309-0329

Kit Part:Y

MSDS Number: BTGLR

=== Responsible Party ===

Company Name:HENTZEN COATINGS, INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

ZIP:53218

Country:U

S

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:METHYL ISOAMYL KETONE

CAS:110-12-3

RTECS #:MP3850000

Fraction by Wt: 14.738%

Other REC Limits:NONE RECOMME

OSHA

PEL:50 PPM  
ACGIH TLV:50 PPM

Ingred Name:TITANIUM DIOXIDE PIGMENT  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 20-30%  
Other REC Limits:NONE RECOMME  
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 RECOMME  
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 RECOMME

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)  
CAS:108-10-1  
RTECS #:SA9275000  
Fr  
action by Wt: 7.016%  
Other REC Limits:NONE RECOMME  
OSHA PEL:50 PPM; STEL 75 PPM  
ACGIH TLV:50 PPM; STEL 75 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: 1.044%  
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:ZINC METAL (SARA III)  
CAS:7440-66-6  
RTECS #:ZG8600000  
Fraction by Wt: 1.616%  
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: 3.033 LBS/GAL; 363.444 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMME

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES  
Health Hazards Acute and Chronic:INHAL: ANESTHETIC. RESP TRACT IRRIT,  
ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGE  
RING,  
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.

Explanation of Carcinogenicity:BASED UPON ANIMAL DATA, IARC HAS LISTED  
SILICA AS PROBABLE HUMAN CARCINOGEN.

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

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

Flas  
h Point Method:TCC  
Flash Point:60.0F,15.6C  
Lower Limits:1.0  
Upper Limits:11.2  
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 FROM  
HEAT/IGNIT SOURCE. CLOSED CONTAINER MAY EXPLODE W/HEAT. DON'T APPLY  
TO HOT SURFACE. NEVER USE WELD/CUT TORC

## H 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 =====

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 PRECAUTIONS IN MSDS TILL CNTNR CLEANED/DESTROYED.

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

Respiratory Protection: WHEN SPRAY IN OUTDOOR OR DURING SAND/GRINDING: NIO

SH 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: REQUIRED FOR PROLONGED/REPEATED CONTACT

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

Other Protective Equipment: PROTECTIVE SKIN CRE

AM 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: 232 TO 298F

Decomp Temp: Decomp Text: 400F, 204C

Vapor Pres: 15.00 @ 68F

Vapor Density: > AIR

Spec Gravity: 1.55

Viscosity: 65-80 KU

Evaporation Rate & Reference: FASTER THAN B

UTYL ACETATE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:OPAQUE LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:44.96

===== 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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