

HENTZEN COATINGS INC -- ID 08618 TUA-GD, SAND ZENTHANE -- 8010-01-234-2935

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Product Identification  
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Product ID:ID 08618 TUA-GD, SAND ZENTHANE

MSDS Date:02/19/1990

FSC:8010

NIIN:01-234-2935

MSDS Number: BHXGM

=== Responsible Party ===

Company Name:HENTZEN COATINGS INC

Address:6937 W MILL ROAD

Box:18642

City:MILWAUKEE

State:WI

ZIP:53218-1225

Country:US

Info Phone Num:414-353-4200 / FAX 41

4-353-0286

Emergency Phone Num:414-353-4200

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:METHYL ISOAMYL KETONE

CAS:110-12-3

RTECS #:MP3850000

Fraction by Wt: 30.79%

OSHA PEL:100 PPM

ACGIH TLV:50 PPM; 9293

Ingred Name:PREPOLYMER OF HEXAMETHY

LENE DIISOCYANATE  
Fraction by Wt: 30-40%

Ingred Name:YELLOW IRON OXIDE PIGMENT  
CAS:51274-00-1  
Fraction by Wt: 1.0-5.0%  
Other REC Limits:NUISANCE DUST

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 5-10%  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 20-30%  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:CHROMIUM (SARA III)  
CAS:7440-47-3  
RTECS #:GB  
4200000  
Fraction by Wt: 1.64%  
OSHA PEL:1 MG/M3  
ACGIH TLV:0.5 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:N-BUTYL ACETATE (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 1.26%  
OSHA PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)  
CAS:822-06-0  
RTECS #:MO1740000  
Fraction by Wt: 120F OR < 32F. STORE LRG  
AMTS IN BLDG DESIGNED TO COMPLY W/OSHA1910.106.KEEP AWAY F

ROM

SPARKS, OPEN FLAME.KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:IF MOISTURE ENTERS CONTAINERS, PRESSURE CAN BUILD DUE TO REACTION, PRODUCE CO<sub>2</sub>, CAN CAUSE SEALED CONTAINER TO PRESSURIZE & BURST. DO NOT RESEAL IF CONTAMINATED. DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. \*\*\*\*

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

Respiratory Protection:SURGEON GENERAL REQUIRES AIRLINE RESPIRATORS TO BE USED UNLESS AIR SAMPLING SHOWS EXPOSURE TO BE BELOW OSHA LIMITS.

THEN USE EITHER CHEM CARTRIDGE/AIRLINE RSPRTRS REQUIRED. USE SAME PRECAUTIONS DURING MIXING OR WHERE PAINT FUMES ARE PRESENT

Ventilation:GEN DILUTION/LOCAL EXHAUST VENT IN VOL/PATTERN TO KEEP AIR CONTAM CONCENT BELOW LIMITS.REMOVE DECOMP PROD WHEN WELD, ETC

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY EYEWEAR W/SPLASH GUARDS/SHIELDS

Other Protective Equipment:WEAR PROTECTIVE CLOTHING TO KEEP SKIN CONTACT AT MINIMUM. AVOID CONTACT WITH EYES, SKIN & CLOTHING. WASH THOROUGHLY.

Work Hygienic Practices:WASH HANDS & ANY EXPOSED SKIN THOROUGHLY BEFORE EATING OR SMOKING. SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health

\*\*\*\* AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. USE W/ADEQUATE VENTILATION & RESPIRATORY EQUIP. EMPTIED CONTAINERS MAY RETAIN HAZARDOUS RESIDUE OR EXPLOSIVE VAPORS. FOLLOW ALL PRECAUTIONS IN THIS DATA SHEET UNTIL CONTAINER IS THOROUGHLY CLEANED OR DESTROYED.\*\*F

LUSH AREA W/WATER.REMOVE CONTAINER TO SAFE PLACE.

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

HCC:F2

Boiling Pt:B.P. Text:244 TO 418F

Decomp Temp:Decomp Text:400F,204C

Vapor Pres:8.00

Vapor Density:> THAN AIR

Spec Gravity:1.23

Viscosity:65-68 KREBS

Evaporation Rate & Reference:EQUAL TO BUTYL ACETATE

Solubility in Water:REACTS WITH WATER

Appearance and Odor:OPAQUE LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume:51.28

===== Stability and React

ivity Data =====

Stability Indicator/Materials to Avoid: YES

WATER, ALCOHOLS, GLYCOL ETHERS, AMINES.

Stability Condition to Avoid: WATER CONTAMINATION. \*(CO<sub>2</sub> EVOLVED). DON'T APPLY TO HOT SURFACES. NEVER USE WELD/CUT TORCH ON/NEAR DRUM (EVEN EMPTY DRUM)

Hazardous Decomposition Products: BY FIRE: CO<sub>2</sub>, CO, OXIDES OF NITROGEN, TRACES OF HYDROGEN CYANIDE, HEXAMETHYLENE DIISOCYANATE.

===== Disposal Considerations =====

Waste Disposal Methods: DISP

OSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. INCINERATION IS PREFERRED METHOD OF DISPOSAL. \*\*\*CARBIDE'S TERGITOL TMN-10 (20%) & WATER (80%). \*\*W/NON-SPARK TOOLS INTO OPEN CONTAINER- ADD MORE NEUTRALIZER & WASH AREA W/NEUTRALIZER \*\*

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