

HENTZEN COATINGS INC -- ID 08606 TUA-GD,383 BROWN ZENTHANE -- 8010-01-229-7545
===== Product Identification =====

Product ID:ID 08606 TUA-GD,383 BROWN ZENTHANE

MSDS Date:02/08/1990

FSC:8010

NIIN:01-229-7545

MSDS Number: BHXGG

=== Responsible Party ===

Company Name:HENTZEN COATINGS INC

Address:6937 W MILL ROAD

Box:18642

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Info Phone Num:414-353-4200

Emerge

ncy Phone Num:414-353-4200 NIGHT: 800-424-9300

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: 15.50%

OSHA PEL:100 PPM

ACGIH TLV:50 PPM; 9293

Ingred Name:PREPOLYMER OF HEXAME

THYLENE DIISOCYANATE

Fraction by Wt: 30-40%

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:BLACK IRON OXIDE PIGMENT

CAS:1317-61-9

Fraction by Wt: 1.0-5.0%

Other REC Limits:NUISANCE DUST

Ingred Name:IRON OXIDE

CAS:1309-37-1

RTECS #:NO7400000

Fraction by Wt: 1.0-5.0%

Other REC Limits:NUISANCE DUST

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:METHYL ISOBUTYL KE

TONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 15.02%

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:CHROMIUM (SARA III)

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 5.37%

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: 1.18%

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:500

0 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:1,6-DIISOCYANATOHXANE (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 FROM
SPARKS, OPEN FLAME.KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:IF MOISTURE ENTERS CONTAINERS, PRESSURE CAN BUILD DUE
TO REACTION, PRODUCE CO2, 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.R

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.**FLUSH AREA W/WATER.REMOVE CONTAINER TO SAFE
PLACE.

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

Boiling Pt:B.P. Text:232 TO 418F

Decomp Temp:Decomp Text:400F,204C

Vapor Pres:15.00

Vapor Density:> THAN AIR

Spec Gravity:1.243

Viscosity:65-68 KREB

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Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:REACTS WITH WATER

Appearance and Odor:OPAQUE LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume:51.57

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

WATER, ALCOHOLS, GLYCOL ETHERS, AMINES.

Stability Condition to Avoid:WATER CONTAMINATION. *(CO2 EVOLVED). DON'T APPLY TO HOT SURFACES. NEVER USE WELD/CUT TORCH ON/NEAR DRUM(EVEN EMPTY DRUM)

Haz

ardous Decomposition Products:BY FIRE: CO2, CO, OXIDES OF NITROGEN, TRACES OF HYDROGEN CYANIDE, HEXAMETHYLENE DIISOCYANATE.

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

Waste Disposal Methods:DISPOSE 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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