

HENTZEN COATINGS INC -- 383 GREEN ZENTHANE P/N 08605GUZ-GD -- 8010-01-229-7546

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Product Identification
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Product ID:383 GREEN ZENTHANE P/N 08605GUZ-GD

MSDS Date:04/26/1993

FSC:8010

NIIN:01-229-7546

MSDS Number: BSFTK

=== Responsible Party ===

Company Name:HENTZEN COATINGS INC

Address:6937 W MILL ROAD

City:MILWAUKEE

State:WI

ZIP:53218-1225

Country:US

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

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 (SOLVENT)

CAS:110-12-3

RTECS #:MP3850000

Fraction by Wt: 23.787%

Other REC Limits:NONE SPECIFIED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM

ingred Name:MAGNESIUM-FERRITE (PIGMENT) (NUISANCE DUST)

CAS:12068-86-9

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3

ACGIH TLV:15 MG/M3

ingred Name:SILICA (PIGMENT)

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 20-30%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3

ACGIH TLV:0.1 MG/M3

ingred Name:HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE

CAS:28182-81-2

RTECS #:NQ9170000

Fraction by Wt: 20-30%

Other REC Limits:.5 PPM/STEL 1 MG/M3

ingred Name:TRIVALENT CHROME (INSO
LUBLE) (SARA III)

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 6.866%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.5 MG/M3

ACGIH TLV:0.5 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

ingred Name:INORGANIC SPINEL PIGMENT

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

ingred Name:AROMATIC HYDROCARBON (MIXTURE OF C8'S TO C10'S)

CAS:64742-95-6

Fraction by Wt: 1.498%

Other REC Limits:MFR LIMIT: 100 PPM

ingred Name:BUTYL ACETATE (SOLVENT)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 1.194%

Othe

r REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:HEXAMETHYLENE DIISOCYANATE MONOMER

CAS:822-06-0

RTECS #:MO1740000

Fraction by Wt: 0.048%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.005 PPM

ACGIH TLV:0.005 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:VM&P NAPHTHA (SOLVENT)

CAS:8030-30-6

RTECS #:DE3030000

Fraction by Wt: 4.795%

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:XYLENE (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 2.040%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/STEL 150 PPM

ACGIH TLV:100 PPM/STEL 150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:VOC: 3.488 LBS/GAL; 418.542 GRAMS/LITER

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

Health Hazards Acute and Chronic:ACUTE; IRRITATION TO SKIN, EYES, &
RESPIRATORY T

IRITATION (WATERING EYES, DRY THROAT, COUGHING, HEADACHE, TIGHT CHEST, BURNING SENSATION). HEADACHE, DIZZINESS, NAUSEA MAY BE EXPERIENCED BY SOME AS A RESULT OF EXPOSURE TO SOLVENTS.

Explanation of Carcinogenicity:IARC HAS LISTED SILICA AS A PROBABLE HUMAN CARCINOGEN.

Effects of Overexposure:CHRONIC: REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE, LIVER, & KIDNEY DAMAGE. RESPIRATORY SENSITIZATION (ASTHMA LIKE SYMPTOMS),

SKIN SENSITIZATION (RASH, ITCHING, HIVES, EXTREMITYSWELLING). DERMATITIS.

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 & QUIET. NOTIFY PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH RUNNING WATER FOR AT LEAST 15 MIN, LIFTING EYELIDS. TAKE TO PHYSICIAN. SKIN: WASH AFFECTED AREAS WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. WASH BEFORE REUSE. CONSULT PHYSICIAN IF IRRITATION DEVELOPS/PERSISTS. INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:54.0F,12.2C

Autoignition Temp:Autoignition Temp Text:450.0F

Lower Limits:0.9

Upper Limits:8.2

Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT WITH SELF-CONTAINED

BREATHING APPARATUS. DURING FIRE, IRRITATING/HIGHLY TOXIC GASES & SMOKE PRESENT FROM DECOMP/COMBUSTION PRODUCTS.

Unusual Fire/Explosion Hazard:KEEP CNTNR CLSD.KEEP FROM HEAT/IGNIT SOURCE.CLSD CNTNR MAY EXPLODE W/HEAT,BURST WHEN CONTAM W/WATER. DONT APPLY TO HOT SURFCS.NEVER CUT,WELD NEAR DRUM-EXPLOSIVE.

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

Spill Release Procedures:EVAC NON-ESSENTL PEOPLE.REMOVE IGNIT SOURCE.VENT.AVOID BREATHIN

G.COVER SPILL W/INERT ABSORB.POUR LIQ

DECONTAM OVER SPILLAGE-ALLOW 10 MIN REACT TIME.COLLECT MAT'L IN OPEN CNTNR ADD DECONTAM SOLUTION.CO VER LOOSELY.WASH DOWN AREA W/DECONTAM,FLUSH W/H2O.

Neutralizing Agent:0-10%AMMONIUM HYDROXIDE,2-5%DETERGENT & WATER.SOLUTN:TEGRITOL 20%TMN-10,80%WATER

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===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE ABOVE 120F OR BELOW 32F.

STORE LARGE QUANTITIES IN BUILDINGS DESIGNED TO CO

MPLY WITH OSHA

1910.106. KEEP FROM SPARKS & OPEN FLAME.

Other Precautions:KEEP CNTNR CLOSED. IF MOISTURE ENTERS, DONT RESEAL.

DONT INGEST. GROUND CNTNRS WHEN POURING. AVOID LIQ FREE FALL >FEW INCHES. USE W/VENT & RESP EQUIP. EMPTIED CNTNRS MAY RETAIN HZD RESIDUE. FOLLOW PRE CAUTIONS. AVOID EYE, SKIN, CLOTH CONTACT

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

Respiratory Protection:USE AIRLINE RESPIRATOR UNLESS AIR SAMPLING SHOWS EXPOSURE TO BE BELOW P

EL. THEN, EITHER CHEMICAL CARTRIDGE

RESPIRATORS OR AIRLINE RESPIRATOR ARE REQ'D. USE SAME PRECAUTIONS DURING MIXING OR ANY OPERAT IONS WHERE PAINT FUMES WOULD BE PRESENT.

Ventilation:GENERAL DILUTION/LOCAL EXHAUST TO KEEP BELOW PEL/TLV DURING MIXING, APPLICATION, CURING & REMOVE DECOMP PROD (WELD,CUT).

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY EYEWEAR W/SPLASH GUARD & SIDESHLD

Other Protective Equipment:WEAR PROTECTIVE CLOTHING TO KEEP SKIN CONTACT AT

A MINIMUM.

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

Supplemental Safety and Health

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

HCC:F2

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

Decomp Temp:Decomp Text:400F,204C

Vapor Pres:15.00

Vapor Density:> AIR

Spec Gravity:1.23

Viscosity:65-68 KU

Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:REACTS WITH WATER

Appearance an

d Odor:OPAQUE LIQUID, SOLVENT ODOR
Percent Volatiles by Volume:51.63

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

Stability Indicator/Materials to Avoid:YES
ONCE MATERIAL HAS BEEN EXPOSED TO ANY OF THE ABOVE OR ATMOSPHERIC
MOISTURE DONT SEAL CNTNR AS CO2 COULD BLDUP IN CNTNR.
Stability Condition to Avoid:CONTAMINATION WITH WATER, EPOXY CATALYSTS,
ALCOHOLS, GLYCOL ETHERS, BASES, METAL COMPLEXES OR OTHER ACTIVE
MATERIALS.
Hazardous Decomposition Products:CO2, C
O, OXIDES OF NITROGEN, TRACES OF
HYDROGEN CYANIDE, HEXAMETHYLENE DIISOCYANATE.
Conditions to Avoid Polymerization:SEE ABOVE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. DECONTAMINATE CONTAINERS PRIOR TO DISPOSAL.

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