

HENTZEN COATINGS INC -- AIRCRAFT GREEN ZENTHANE, #08625GUZ-PA -- 8010-01-246-0718
===== Product Identification =====

Product ID:AIRCRAFT GREEN ZENTHANE, #08625GUZ-PA
MSDS Date:04/12/1996
FSC:8010
NIIN:01-246-0718
MSDS Number: CDVST
=== 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

Emergency 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 N-AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
Fraction by Wt: 25.367%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM

Ingred Name:BLACK IRON OXIDE PIGMENT
CAS:1317-61-9
Fraction by Wt: 5-10.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:YELLOW IRON OXIDE PIGMENT
CAS:51274-00-1
Fraction by Wt: 1-5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 20-30.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:HOMOPOLYMER OF H
EXAMETHYLENE DIISOCYANATE (HDI)
CAS:28182-81-2
RTECS #:NQ9170000
Fraction by Wt: 30-40.0%
Other REC Limits:0.05 MG/ME/STEL 1.0

Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 2.021%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM/STEL 75 PPM
ACGIH TLV:50 PPM/75 STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 1.784%
Other REC

Limits:NONE RECOMMENDED
OSHA PEL:100 PPM/STEL 150
ACGIH TLV:100 PPM/150STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:AROMATIC HYDROCARBONS (MIXTURE OF C8S & C10S)
CAS:64742-95-6
Fraction by Wt: 1.242%
Other REC Limits:100 PPM MFR

Ingred Name:N-BUTYL ACETATE (CERCLA)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 1.242%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM/STEL 200 PPM
ACGIH TLV:150 PPM/200STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HEXAMETHYLENE DIISO
CYANATE MONIMER(SARA 313) (CERCLA)
CAS:822-06-0
RTECS #:MO1740000
Fraction by Wt: 0.037%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.005 PPM
ACGIH TLV:0.005 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INHAL: IRRIT TO MUCOUS MEMBRANES OF
RESP TRACT, ASTHMA ATTACK, BRONCHITIS, BRONCHIAL
SPASM, PULMONARY
EDEMA, CHEM/HYPERSENSITIVE PNEUMONITIS, (FEVER, CHILLS), DRYNESS OF
THROAT, TIGHTNESS OF CHEST, HE ADACHE, NAUSEA, FATIGUE, LOSS OF
APPETITE. SKIN: IRRIT, SENSITIZATION, DEFATTING, DERMATITIS. EYE:
IRRIT, CORNEAL *
Explanation of Carcinogenicity:IARC HAS LISTED SILICA AS A PROBABLE
HUMAN CARCINOGEN.
Effects of Overexposure:NK *DAMAGE. INGEST: IRRIT, CORROSIVE ACTION
TO MOUTHY/STOMACH/DIGESTIVE TRACT, (SORE THROAT/ABDOMINAL
PAIN/NAUSEA/VOMIT/DIARRH

EA), CHEM PNEUMONITIS. CHRONIC:

BRAIN/NS/LIVER/KIDNEY DAMAGE, ISOCYANATE SENSITIZATION, (CHEM ASTHMA, CHEST TIGHTNESS, WHEEZING, COUGH, ASTHMA ATTACK), LUNG DAMAGE.

Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY AILMENTS, CHEMICAL SENSITIZATION. SKIN ALLERGIES & ECZEMA.

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

First Aid:INHAL: MOVE TO FRESH AIR,RESTORE BREATHING IF NEEDED, GET MED AID, TREAT SYMPTOMS. EYE: FLUSH IMMED W/LOW PRE

SSURE LUKEWARM

RUNNING WATER >15 MINS,LIFT LIDS, TAKE TO DR. SKIN: REMOVE & WASH CONTAM CLO THES BEFORE REUSE, WASH W/SOAP & WATER UNDER SAFETY SHOWER IF NECESSARY, GET MED AID. INGEST: CALL DR IMMED, DONT INDUCE VOMIT.

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

Flash Point Method:TCC

Flash Point:60.0F,15.6C

Autoignition Temp:Autoignition Temp Text:450F

Lower Limits:1.0

Upper Limits:8.0

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

Fire Fightin

g Procedures:WEAR FULL PROTECTIVE EQUIPMENT W/SCBA. DURING

A FIRE, IRRITATING AND HIGHLY TOXIC GASES AND SMOKE ARE PRESENT FROM DECOMPOSITION/COMBUSTION PRODUCTS.

Unusual Fire/Explosion Hazard:KEEP CNTNRS CLSD. KEEP FROM IGNITS. CLSD

CNTNR MAY EXPLODE W/HEAT, OR BURST WHEN CONTAM W/WATER. DONT APPLY TO HOT SRFCS. NEVER WELD/TORCH ON/NEAR CNTNR.

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

Spill Release Procedures:EVAC AREA. REMOVE IGNITS. VENT AREA. AVOID

BREATHING VAPORS. COVER SPILL W/ABSORBENT. POUR NEUTRALIZER OVER SPILL. ALLOW TO REACT 10 MIN. COLLECT MAT'L W/NONSPARKING TOOLS INTO OPEN CNTNRS, ADD MORE NEUTRALIZER. ALLOW TO REACT FOR 24-48 HRS.

Neutralizing Agent:3-8% CONCENTRATED AMMONIA, 2% DETERGENT, 90-95% WATER OR TERGITOL 20%, WATER 80%

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

Handling and Storage Precautions:DONT STORE >120F,