

HENTZEN COATINGS INC -- 3730 BLACK ZENTHANE PC 08610KUY -- 8010-01-229-7541

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Product Identification  
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Product ID:3730 BLACK ZENTHANE PC 08610KUY

MSDS Date:01/24/1992

FSC:8010

NIIN:01-229-7541

MSDS Number: BQYLW

=== 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

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 ISOBUTYL KETONE (SOLVENT) (SARA III)

CAS:108-10-1

RTECS #:SA9750000

Fraction by Wt: 17.54%

Other REC Limits:NONE SPECIFIED

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:PREPOLYMER OF HEXAMETHYLENE DIISOCYANATE  
Fraction by Wt: 30-40%  
Other REC Limits:.5 MG/M3;STEL 1MG/M3

Ingred Name:SILICA (PIGMENT)  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 20-30%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:IRON OXIDE (PIGMENT) (NUISANCE DUST)  
CAS:1332-37-2  
RTECS #:NO7380000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL ISOAMYL KETONE (SOLVENT)  
CAS:110-12-3  
RTECS #:MP3850000  
Fraction by Wt: 7.31%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:50 PPM; 9293

Ingred Name:XYLENE (SOLVENT) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 5.82%  
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:BUTYL ACETATE (SOLVENT) (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 4.02%

Other REC Limits:NONE SPECIFIED  
OSHA PEL:150 PPM/STEL 200 PPM  
ACGIH TLV:150 PPM/STEL 200 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: 0.23%  
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

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES  
Health Hazards Acute and Chronic:SKIN  
, EYE, RESP TRACT IRRIT. CHRONIC:  
RESPIRATORY SENSITIZATION & SKIN SENSITIZATION. DERMATITIS.  
PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE, LIVER AND KIDNEY DAMAGE.  
LUNG INJURY.  
Explanation of Carcinogenicity:IARC HAS LISTED SILICA AS A PROBABLE  
HUMAN CARCINOGEN.  
Effects of Overexposure:WATERING EYES, THROAT DRYNESS, COUGHING,  
HEADACHE, CHEST TIGHTNESS/BURNING SENSATION. HEADACHE, DIZZINESS,  
NAUSEA, RASH, ITCHING HIVES & SWELLING OF EXTREMITIES.  
Medical Cond Aggravated by Ex  
posure: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.

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

Flash Point Method:TCC  
Flash Point:60.0F,15.6C  
Autoignition Temp:Autoignition Temp Text:448C  
Lower Limits:1.0  
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 SRFC.S NEVER CUT,WELD NEAR DRUM-EXPLOSIVE.

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

Spill Release Procedures:EVAC NON-ESSENTL PEOPLE.REMOVE IGNIT SOURCE.VENT.AVOID BREATHING.COVER SPILL W/INERT ABSORB.POUR LIQ DECONTAM OVER SPILLAGE-ALLOW 10 MIN REACT TIME.COLLECT MAT'L IN O PEN CNTNR ADD DECONTAM SOLUTION.CO VER LOOSELY.WASH DOWN AREA W/DECONTAM,FLUSH W/H2O.  
Neutralizing Agent:3-8%CONC AMMONIA,2%DETERGENT & 90-95%WATER.  
SOLUTN:TEGRITOL TMN-10-20%,WATER-80%

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

Handling and Storage Precautions:DONT STORE ABOVE 120F OR BELOW 32F. STORE LRG QTY IN BLDGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP FROM IGNIT SOURCE. KEEP CONTAINER CLOSED.  
Other Precautions:IF MOISTURE ENTERS, DONT RESEAL. DONT INGEST. GROUND CONTAINERS WHEN POURING. AVOID LIQUID FREE FALL >FEW INCHES. USE W/VENT & RESP EQUIP. EMPTIED CONTAINERS MAY RETAIN HZD RESIDUE. FOLLOW PRECAUTIONS . AVOID EYE, SKIN, OR CLOTHING CONTACT.

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

Respiratory Protection:USE AIRLINE RESPIRATOR UNLESS AIR SAMPLING SHOWS EXPOSURE TO BE BELOW PEL. THEN, EITHER CHEMICAL CARTRIDGE RESPIRATORS OR AIRLINE RESPIRATORS REQUIRED. USE SAME PRECAUTIONS  
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URING MIXING OR ANY OPERATIONS 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. SMO

KE IN DESIGNATED AREAS ONLY.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:232 TO 298F

Decomp Temp:Decomp Text:400F,204C

Vapor Pres:15.00

Vapor Density:> AIR

Spec Gravity:1.21

Viscosity:65-68 KU

Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:REACTS WITH WATER

Appearance and Odor:OPAQUE LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:50.76

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

Stability Indicator/Materials to Avoid:YES

WATER, ALCOHOLS, GLYCOL ETHERS, AMINES

Stability Condition to Avoid:CONTAMINATION WITH WATER

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

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION IS PREFERRED METHOD OF DISPOSAL.

HAZARDOUS WASTE NUMBER: D001; CHARACTERISTIC: IGNITABLE.

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