

HENTZEN COATINGS, INC -- TAN 686A ZENTHANE PC 08609TUY -- 8010-01-276-3638

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Product Identification
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Product ID:TAN 686A ZENTHANE PC 08609TUY

MSDS Date:01/24/1992

FSC:8010

NIIN:01-276-3638

MSDS Number: BQYNC

=== 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 Phon

e Num:414-353-4200/800-424-9300 CHEMTREC

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) (SARA III)

CAS:110-12-3

RTECS #:MP3850000

Fraction by Wt: 17.23%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV

:50 PPM; 9293

Ingred Name:PREPOLYMER OF HEXAMETHYLENE DIISOCYANATE

Fraction by Wt: 30-40%

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

Ingred Name:TITANIUM DIOXIDE (PIGMENT)

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 5-10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:IRON OXIDE (PIGMENT)

CAS:1332-37-2

RTECS #:NO7380000

Fraction by Wt: 1.0-5.0%

Other REC Limits:NONE SPECIFIED

Ingred Name:SILICA (PIGMENT)

CAS:14808-60-7

RTECS #:VV7333000

Fra

ction by Wt: 15-20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:SEE TABLE Z3

ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:METHYL ISOBUTYL KETONE (SOLVENT) (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 7.19%

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:XYLENE (SOLVENT) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 5.86%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/STEL 150 PP

M
ACGIH TLV:100 PPM/STEL 150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TRIVALENT CHROME (SARA III)
CAS:7440-47-3
RTECS #:GB4200000
Fraction by Wt: 0.50%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.240 PPM, 0.5 MG/M3
ACGIH TLV:0.240 PPM, 0.5 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:BUTYL ACETATE (SOLVENT) (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 3.95%
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:8220-60-0
RTECS #:MO0740000
Fraction by Wt: 0.22%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.005 PPM
ACGIH TLV:0.005 PPM

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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 Exposure:ASTHMA AND OTHER RESPIRATORY AILMENTS; CHEMICAL SENSITIZATION.

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===== First Aid Measures =====
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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 PHYSICAN OR POISON CONTROL CENTER IMMEDIATELY.

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===== Fire Fighting Measures =====
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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/HEA

T,BURST WHEN CONTAM W/WATER.

DONT APPLY TO HOT SRFCS.NEVER CUT,WELD NEAR DRUM-EXPLOSIVE

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===== Accidental Release Measures =====
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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 OPEN CNTNR ADD DECONTAM SOLUTION.CO VER LOOSELY.WASH DOWN AREA W/DECONTAM,FLUSH W/H2O.

Neutralizing Agent:3-8%CONC AMMONIA,2%DETERGE

NT & 90-95%WATER.

SOLUTN:TEGRITOL TMN-10-20%,WATER-80%

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===== 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 M

AY RETAIN HZD RESIDUE.

FOLLOW PRECAUTIONS . AVOID EYE, SKIN, OR CLOTHING CONTACT.

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===== 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
DURING MIXING OR ANY OPERAT IONS WHERE PAINT FUMES WOULD BE
PRESENT.

Ventilation:GENERAL DILUTION/LOCAL EXHAUST TO KEEP BELOW PEL/TL
V 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:

F5

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

Decomp Temp:Decomp Text:400F,204C

Vapor Pres:15.00

Vapor Density:> AIR

Spec Gravity:1.22

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:50.57

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

Stability Indicator/Materials to Avoid:YES

WATER, ALCOHOLS, GLYCOL ETHERS, AMINES

Stability Condition to Av

oid:CONTAMINATION WITH WATER

Hazardous Decomposition Products:CO₂, 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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