

HENTZEN COATINGS, INC -- PAINT, HEAT RESISTING, GRAY 16376, ID 02373AML --  
8010-00-877-6415

===== Product Identification =====

Product ID:PAINT, HEAT RESISTING, GRAY 16376, ID 02373AML

MSDS Date:12/15/1993

FSC:8010

NIIN:00-877-6415

MSDS Number: BTGFS

=== Responsible Party ===

Company Name:HENTZEN COATINGS, INC

Address:6937 WEST MILL ROAD

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Info Phone Num

:414-353-4200

Emergency Phone Num:414-353-4200/CHEMTREC 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:BUTYL ALCOHOL SOLVENT (SARA III)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 3.448%

Other REC Limits:SKIN NOTATIO

OSHA PEL:50

PPM (CEILING)  
ACGIH TLV:50 PPM (CEILING)  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TITANIUM DIOXIDE PIGMENT  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 10-15%  
Other REC Limits:NONE RECOMME  
OSHA PEL:10 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:TALC PIGMENT  
CAS:14807-96-6  
RTECS #:WW2710000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMME  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3

Ingred Name:NICKEL COMPOUNDS (INSOLUBLE COMPOUNDS) (SARA III)  
CAS:7440-02-0  
RTECS #:QR5950000  
Fraction by Wt:  
0.676%  
Other REC Limits:NONE RECOMME  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3

Ingred Name:SILICONE RESIN  
Fraction by Wt: 20-30%  
Other REC Limits:NONE RECOMME

Ingred Name:ISOBUTYL ALCOHOL SOLVENT (SARA III)  
CAS:78-83-1  
RTECS #:NP9625000  
Fraction by Wt: 1.173%  
Other REC Limits:NONE RECOMME  
OSHA PEL:50 PPM  
ACGIH TLV:50 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL BENZENE SOLVENT (SARA III)  
CAS:100-41-4  
RTECS #:DA0700000  
Fraction by Wt: 2.624%  
Other REC Limits:NONE RECOMME  
OSHA PEL

:100 PPM;STEL 125 PPM  
ACGIH TLV:100 PPM;STEL 125 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE SOLVENT (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 17.935%  
Other REC Limits:NONE RECOMME  
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:SILICEOUS EXTENDER PIGMENT  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMME  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:MICA PIGMENT  
CAS:12001-26-2  
RTECS #:  
VV8760000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMME  
OSHA PEL:20 MPPCF  
ACGIH TLV:3 MG/M3 (RESP DUST)

Ingred Name:BARIUM COMPOUND  
Fraction by Wt: 1.941%  
Other REC Limits:NUISANCE DUS

Ingred Name:FRITS  
Fraction by Wt: 15-20%  
Other REC Limits:NUISANCE DUS

Ingred Name:AROMATIC HYDROCARBONS (MIXTURE OF C8'S TO C10'S)  
CAS:64742-95-6  
Fraction by Wt: 1.850%

Ingred Name:VOC:3.470 LBS/GAL; 415.810 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMME

===== Hazards Iden

tification =====

Reports of Carcinogenicity:NTP:YES IARC:YES

Health Hazards Acute and Chronic:INHALATION: ANESTHETIC. RESPIRATORY TRACT IRRITATION OR ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGERING, CONFUSION OR COMA). SKIN OR EYE CONTACT: IRRITATION. CHRONIC OVEREXPOSURE: REP EATED/PROLONGED OVEREXPOSURE ASSOCIATEDWITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE, LIVER & KIDNEY DAMAGE.

Explanation of Carcinogenicity:NICKEL COMPND NOT SPECIFI CALLY LISTED,

BUT IARC & NTP LIST NICKEL & CERTAIN NICKEL COMPND PROBABLY CARCINOGENIC TO HUMAN

Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY AILMENTS; CHEMICAL SENSITIZATION.

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

First Aid:REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM & QUIET. NOTIFY A PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES. TAKE TO PHYSICIAN FOR MEDICAL TREAT

MENT. SKIN: WASH AFFECTED AREAS WITH SOAP & WATER.

REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN. INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:81.0F,27.2C

Lower Limits:1.0

Upper Limits:11.2

Extinguishing Media:FOAM, DRY CHEMICAL, CO2

Fire Fighting Procedures:WEAR PROTECT EQUIP INCLUDING SCBA. WATER MAY BE INEFFECTIVE, USE WATER (FOG NOZZLES PREFERRED) CO

OL CLOSED CNTNR

TO PREVENT PRESSURE BLDUP,AUTOIGNITN,EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONTAINER TIGHTLY CLOSED. KEEP FROM HEAT/IGNIT SOURCE. CLOSED CNTNR MAY EXPLODE W/HEAT. DON'T APPLY TO HOT SRFCs. NEVER USE WELD/CUT TORCH ON/NEAR DRUM.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES, ELECTRICAL, STATIC OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS. VENTILATE ARE

A. CONTAIN & REMOVE WITH INERT ABSORBENT AND NONSPARKING TOOLS.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP AWAY FROM SPARKS AND OPEN FLAME.

Other Precautions:DO NOT INGEST. GROUND CONTAINERS WHEN POURING. AVOID LIQ FREE FALL > FEW INCHES. USE W/VENT & RESP EQUIPMENT. AVOID PROLONGED VAPOR BREATHING, SKIN CONTACT.

EMPTIED CONTAINER MAY RETAIN HAZARDOUS RESI DUE OR EXPLOSIVE VAPOR.

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

Respiratory Protection:WHEN SPRAYED IN OUTDOOR OR DURING SANDING/GRINDING: NIOSH MECHAN FILTER RESPRTR (RMV SOLID PARTICLES). RESTRICTED AREA: NIOSH CHEM/MECHAN FILTER. CONFINED AREA: NIOSH AIR SUPPLIED RSPRTR/HOOD. USE NIO SH RSPRTR WHEN CUT/WELD HAZING TORCH.

Ventilation:GENRL DILUTN/LOCAL EXHAUST VENT TO KEEP BELOW PEL/TLV WHILE MIXI

NG,APPLICATION,CURING,REMOVE DECOMP FROM WELD/FLAME CUT.

Protective Gloves:REQUIRED FOR PROLONGED/REPEATED CONTACT

Eye Protection:SAFETY EYEWEAR W/SPLASH GUARDS,SIDE SHLD

Other Protective Equipment:USE PROTECTIVE SKIN CREAM WHERE CONTACT IS LIKELY. PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED SMOKING AREAS ONLY.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:220 TO 418F

Vapor Pres:9.00 @ 68F

Vapor Density:> AIR

Spec Gravity:1.46

Viscosity:65 TO 70 KU

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:OPAQUE LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:48.41

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Hazardous Decomposi

tion Products:MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSITION AS IN WELDING. MAY CONTAIN CARBON MONOXIDE & CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. INCINERATE IN AN APPROVED FACILITY. EPA HAZARDOUS WASTE NUMBER/CODE: D001. HAZARD WASTE CHARACTE RISTIC: IGNITABLE. DISPOSAL METHOD: INCINERATION.

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