

HENTZEN COATINGS, INC -- OLIVE DRAB HEAT RESISTANT COATING 02366GML --
8010-00-616-4009

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

Product ID:OLIVE DRAB HEAT RESISTANT COATING 02366GML

MSDS Date:06/10/1997

FSC:8010

NIIN:00-616-4009

MSDS Number: CFWXW

=== 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

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===== Composition/Information on Ingredients =====

Ingred Name:BUTYL ALCOHOL SOLVENT (SARA III)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 3.442%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

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

Ingred Name:TALC PIGMENT
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
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: 0.644%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3

Ingred Name:ISOBUTYL ALCOHOL SOLVENT (SARA III)
CAS:78-83-1
RTECS #:NP9625000
Fract
ion by Wt: 1.159%
Other REC Limits:NONE RECOMMENDED
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: 2.044%
Other REC Limits:NONE RECOMMENDED
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: 18.617%
Other REC Limits:NONE RECOMMENDED
OSHA PE

L: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
CAS:66402-68-4
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
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 RECOMMENDED
OSHA PEL:20 MPPCF
ACGIH TLV:3 MG/M3 (RESP DUST)

Ingred Name:BARIUM COMPOUND
Fraction by Wt: 1.937%
Other REC Limits:NUISANCE DUST

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

Ingred Name:AROMATIC HYDROCARBONS (MIXTURE OF C8'S TO C10'S)
CAS:64742-95-6
Fraction by Wt: 1.847%
Other REC Limits:MFR'S LIMIT: 100 PPM

Ingred Name:ANTIMONY, CHROME & NICKEL COMPOUND (SARA 313) (CERCLA)
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: 1.893%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3

Ingred Name:VOC = 3.384 LBS/GL
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT EST.

Ingre

d Name:CHROMIC OXIDE (SARA 313)
CAS:1308-38-9
RTECS #:GB6475000
Fraction by Wt: 10.327%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INHAL: ANESTHETIC. RESPIRATORY TRACT
IRRITATION OR ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS,
STAGGERI
NG, CONFUSION OR COMA). LUNG INFLAMMATION/INJURY (CHEST
PAIN, CHILLS, COUGH, HEADACHE, DIARRHEA) SKIN: IRRITATION,
DEFATTING, DERMATITIS. EYE: IRRITATION. CHRONIC:
BRAIN/NS/LIVER/KIDNEY DAMAGE. *
Explanation of Carcinogenicity:NICKEL & HEXAVALENT CHROMIUM COMPOUNDS
ARE LISTED BY NTP & IARC.
Effects of Overexposure:* DERMATITIS, DELAYED RESPIRATORY SYSTEM
EFFECTS, HEARING LOSS.
Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY
AILMENTS; CHEMICAL SENSITIZATI
ON.

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

First Aid:INHAL: 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. LIFT LIDS. TAKE
TO PHYSICIAN FOR MEDICAL TREATMENT. SKIN: WASH WITH SOAP & WATER.
REMOVE CONTAM CLOTHES, WASH BEFORE REUSE. CALL DR. INGEST: CALL
DR/POISON CONTROL CENTER IMMED.

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===== Fire Fighting Measure
s =====

Flash Point:81.0F,27.2C
Autoignition Temp:Autoignition Temp Text:NA
Lower Limits:1.0
Upper Limits:11.2
Extinguishing Media:FOAM, DRY CHEMICAL, CO2
Fire Fighting Procedures:WEAR PROTECTIVE EQUIPMENT & SCBA. WATER MAY BE
INEFFECTIVE, USE H2O (FOG NOZZLES PREFERRED) TO COOL CONTAINERS,
PREVENT PRESSURE BUILDUP/AUTOIGNITION/EXPLOSION.
Unusual Fire/Explosion Hazard:KEEP CONTAINER TIGHTLY CLOSED. CLOSED
CONTAINER MAY EXPLODE W/HEAT.

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===== Accidental

Release Measures =====

Spill Release Procedures:REMOVE IGNITION SOURCES & EVAC AREA. VENTILATE AREA. USE APPROPRIATE PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS/SKIN CONTACT. PREVENT ENTRY TO DRAINS/SEWERS/WATERWAYS. NOTIFY AUTHORITIES. CONTAIN & REMOVE WITH INERT ABSORBENT AND NONSPARKING TOOLS.

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

Handling and Storage Precautions:STORE BETWEEN 120-32F. STORE LARGE AMOUNTS IN BUILDINGS MEETING OSHA 1910.106. NO IGNITIONS. KEEP

CLOSED/UPRIGHT WHEN NOT IN USE. EMPTY CONTAINER HAZARDOUS.

Other Precautions:SOAK SOILED RAGS/WASTES IN H2O FILLED CLOSED CONTAINER. GROUND/BOND WHEN TRANSFERRING, AVOID FREEFALL OF LIQUID >FEW INCHES, USE SPARKPROOF TOOLS/EXPLOSION PROOF EQUIPMENT.

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

Respiratory Protection:WHEN SPRAYING USE ORGANIC VAPOR/PARTICULATE RESPIRATOR. FOR SANDING/GRINDING USE PARTICULATE RESPIRATOR. CONFINED AREA: AIR SUPPLIED RESPIRATOR/HOOD. AIR MONITORING MAY BE

REQUIRED.

Ventilation:GENERAL DILUTION/LOCAL EXHAUST

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:W/SPLASH GUARDS/SIDE SHIELDS

Other Protective Equipment:APPROPRIATE TO PREVENT PROLONGED SKIN CONTACT. SAFETY SHOWER, EYEWASH STATION.

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

Supplemental Safety and Health
MORE INFORMATION ON FILE.

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

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

Melt/Freeze Pt:M.P/F.P Text:NA

Vapor Pres:4.8

Vapor Density:> AIR

Spec Gravity:1.41

pH:NA

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:OPAQUE LIQUID, SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Hazardous Decomposition Products:CARBON MONOXIDE & CARBON DIOXIDE.

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

Waste Disposal Methods: RECYCLE OR INCINERATE IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.

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