

HENTZEN COATINGS INC -- BROWN HEAT RESISTANT PAINT, MIL-P-14105D -- 8010-01-235-2695
===== Product Identification =====

Product ID:BROWN HEAT RESISTANT PAINT, MIL-P-14105D

MSDS Date:02/08/1999

FSC:8010

NIIN:01-235-2695

Status Code:A

MSDS Number: CLLJD

=== Responsible Party ===

Company Name:HENTZEN COATINGS INC

Address:6937 WEST MILL ROAD

Box:18749

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Info

Phone Num:414-353-4200

Emergency Phone Num:999-999-9999

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

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:TALC

CAS:14807-96-6

RTECS #:WW2710000

Minumum % Wt:5.

Maxumum % Wt:10.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2

MG/M3

Ingred Name:MICA
CAS:12001-26-2
RTECS #:VV8760000
Minumum % Wt:1.
Maxumum % Wt:5.
ACGIH TLV:3 MG/M3

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
= Wt:18.75
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CHROME
CAS:7440-47-3
RTECS #:GB4200000
= Wt:1.55
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ZINC
CAS:7440-66-6
RTECS #:ZG8600000
= Wt:3.02
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000
LBS

Ingred Name:FRITS, CHEMICALS
CAS:65997-18-4
= Wt:21.64

Ingred Name:ETHYLBENZENE
CAS:100-41-4
RTECS #:DA0700000
= Wt:2.07
OSHA PEL:435 MG/M3;100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:543 MG/M3;125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BUTYL ALCOHOL
CAS:71-36-3
RTECS #:EO1400000
= Wt:3.45
OSHA PEL:300 MG/M3;100 PPM
ACGIH STEL:C152 MG/M3;C50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:AROMATIC HYDROCARBONS

Ingred Name:SILICEOUS EXTENDER PIGMENT

CAS:66402-68-4

Code:F

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:CRYSTALITE SS

CAS:14808-60-7

RTECS #:VV7330000

< Wt:.5

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:0.1 MG/M3

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

LD50 LC50 Mixture:NONE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:EYE CONTACT: CAN CAUSE IRRITATION.
SKIN CO

NTACT: CAN CAUSE IRRITATION. MAY CAUSE DEFATTING OF THE
SKIN. INHALATION: CAN CAUSE IRRITATION OF THE RESPIRATORY TRACT.
HEADACHE, DIZZINESS, STAGGERING GAIT , CONFUSION OR
UNCONSCIOUSNESS. INGESTION: IF SWALLOWED, CONSULT A PHYSICIAN
IMMEDIATELY. CHRONIC EFFECTS: PROLONGED EXPOSURE ASSOCIATED WITH
PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE, LIVER AND KIDNE Y
DAMAGE, DERMATITIS.

Explanation of Carcinogenicity:CRYSTALLINE SILICA AS REASONABLY
ANTICIPATED TO BE A CARCIN

OGEN". MAY CAUSE LUNG INJURY IF
RESPIRATORY PRECAUTIONS ARE NOT USED. THE NICKEL COMPOUND IN THIS
PRODUCT HAS NOT BEEN SPECIFICALLY IDENTIFIE D AS CAUSING CANCER IN
HUMANS OR ANIMALS.

Effects of Overexposure:NONE

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

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

First Aid:EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF RUNNING WATER FOR AT
LEAST 15 MINUTES WHILE LI

FTING EYELIDS. TAKE TO A PHYSICIAN FOR
MEDICAL TREATMENT. SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND
WATER. CONSULT A PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE.
RESTORE BREATHING. INGESTION: IF SWALLOWED, CALL A PHYSICIAN OR
POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:81.00 F
Autoignition Temp:Autoignition Temp Text:NONE
Lower Limits:1.00
Upper Limits:11.20
Extinguishing Media:CARBON DIOXIDE, DRY CH
EMICAL OR FOAM.
Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT INCLUDING
SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:VENTILATE AREA. EQUIPMENT CLEAN UP CREW WITH
APPROPRIATE PROTECTIVE EQUIPMENT.AVOID BREATHING VAPORS. AVOID SKIN
CONTACT. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING
TOOLS.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:USE ONLY WITH ADEQUATE VENTILATION.
WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR. AVOID CONTACT WITH
EYES AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID PROLONGED
OR REPEATED CONTACT WITH SKIN.STORAGE: DO NOT STORE ABOVE 120 F OR
BELOW 32 F

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

Respiratory Protection:WHEN SPRAY APPLIED AND WHEN USED IN LIMITED
VENTI
LATION AREAS< WEAR A NIOSH?MSHA APPROVED ORGANIC
VAPOR?PARTICULATE RESPIRATOR DESIGNED TO REMOVE A COMBINATION OF
PARTICULATE< GAS AND VAPOR.USE NIOSH APPROVED RESPIRATOR.
Ventilation:NONE
Protective Gloves:CHEMICAL RESISTANT GLOVES ARE REQUIRED.
Eye Protection:USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS.
Other Protective Equipment:SAFETY SHOWERS AND EYE WASH STATIONS SHOULD
BE AVAILABLE.
Work Hygienic Practices:NONE
Supplemental Safety and Health
NONE

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Physical/Chemical Properties =====

Boiling Pt:B.P. Text:242.00 F 418.00 F
Melt/Freeze Pt:M.P/F.P Text:NONE
Decomp Temp:Decomp Text:NONE
Vapor Pres:9.000
Vapor Density:4.800
Spec Gravity:1.4640
Evaporation Rate & Reference: .7000 (N-BUTYL ACETATE=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:OPAQUE LIQUID SOLVENT ODOR.
Percent Volatiles by Volume:48.613

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

STRONG OXIDIZERS.
Stability Condition to Avoid:N
ONE
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND
OTHER TOXIC VAPORS DEPENDING UPON THE TEMPERATURE REACHED.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:NONE

===== Other Information =====

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