

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  
&lt; 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

===== 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 SKI N.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

=====

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 =====

=====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.