

NILES CHEMICAL PAINT -- N5179 HIGH GLOSS RED ENL. -- 8010-00-616-7487

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

Product ID:N5179 HIGH GLOSS RED ENL.

MSDS Date:10/23/1997

FSC:8010

NIIN:00-616-7487

Status Code:A

MSDS Number: CKVCS

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT

Address:225 FORT ST

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3377

Emergency Phone Num:

219-236-5856

Preparer's Name:MICHAEL LICHATOWICH

CAGE:02388

=== Contractor Identification ===

Company Name:NILES CHEMICAL PAINT

Address:225 FORT STREET

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Phone:616-683-3377/219-236-5856

CAGE:02388

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

Ingred Name:BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:28.

OSHA PEL:100 PPM

ACGIH TLV:150 PPM

ACGIH STEL:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BARIUM SUL

FATE  
CAS:7727-43-7  
RTECS #:CR0600000  
= Wt:8.

Ingred Name:TOLUENE  
CAS:108-88-3  
RTECS #:XS5250000  
= Wt:1.  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM  
ACGIH STEL:100 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:AZO YELLOW PIGMENT  
CAS:6358-31-2  
= Wt:1.

Ingred Name:COBALT COMPOUNDS  
CAS:7440-48-4  
RTECS #:GF8750000  
&gt; Wt:1.

Ingred Name:ALKYD RESIN SOLUTION  
= Wt:45.  
OSHA PEL:100 PPM  
ACGIH TLV:150 PPM  
ACGIH STEL:150 PPM

Ingred Name:RED PIGMENT  
= Wt:5.

Ingred Name:ACRYLIC RESIN  
= Wt:1.

Ingred  
Name:ORGANOPHILIC CLAY  
&lt; Wt:1.

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

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION. LACRIMATION,  
REDNESS, BLURRED VISION. SKIN: REDNESS AND IRRITATION, DEFATTING OF  
THE SKIN LEADING TO DERMITITIS. BREATHING: NASAL AND RESPIRATORY  
IRRITATION. CNS DEPRESSION DIZ ZINESS, DROWSINESS, WEAKNESS,  
FATIGUE. CONFUSION NAUSEA, HEADACHE, VERTIGO. POSSIAB

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UNCONSCIOUSNESS. EVEN ASPHYXIATION. SWALLOWING: GASTROINTESTINAL IRRITATION. ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA. CHRONIC: DERMATITIS, LUNGS, BLOOD, EUPHORIA, NERVOUSNESS, INSOMNIA, PARESTHESIA, PHOTOPHOBIA

Explanation of Carcinogenicity:NONE

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

First Aid:INHALATION: MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE

BLE. SKIN CONTACT: WASH WITH SOAP AND WATER. EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION IMMEDIATELY. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL. SWALLOWING: DRINK 1 OR 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

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

Flash Point Method:TCC

Flash Point:=-22.2C, 72.F

72 F 22 C

Lower Limits:0.8

Upper Limits:7.6

Extinguishing Media:DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:WATER SCBA WITH A FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE AND FULL PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. I

SOLATE

FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

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

Spill Release Procedures:SMALL SPILLS: ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS AND AVOID SKIN CONTACT. A

**BSORB**

WITH AN INERT MATERIAL. SHOVEL RECLAIMED LIQUID AND ABSORBENT INTO RECOVERY OR SALVAGE DRUM FOR DISPOSAL. LARGE SPILLS: SAME EXCEPT. DIKE TO PREVENT FURTHER MOVEMENT AND RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL.

Neutralizing Agent: CLAY, SOIL OR A COMMERCIALY AVAILABLE ABSORBENT.

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

Handling and Storage Precautions: AVOID STORAGE IN HIGH TEMPERATURE AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID ROUGH HANDLING.

Other Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY. SO NOT WELD OR FLAME CUT ON EMPTY DRUMS. SHOCK FROM DROPPING MAY SPLIT CONTAINER.

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

Respiratory Protection: WEAR PROPERLY FITTED HALF-MASK TYPE TC-23C-75 OR FULL FACEPIECE RESPIRATOR NIOSH/MSHA DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS.

Ventilation: VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP AIR CONCENTRATION BELOW PERMISSIBLE LIMITS. FOR BAKING VENT.

Protective Gloves: CHEMICAL RESISTANT NITRILE OR VITON GLOVES

Eye Protection: CHEMICAL GOGGLES, SAFETY GLASSES, FACE SHIELD

Other Protective Equipment: CLOTHING AS NEEDED TO PREVENT SKIN CONTACT.

Work Hygienic Practices: EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED. REMOVE ANY CLOTHING THAT BECOMES WET, AND WASH BEFORE

REUSE. WASH HANDS BEFORE EATING, SMOKING OR USING RESTROOM.

Supplemental Safety and Health

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

Boiling Pt: =100.C, 212.F

B.P. Text: 212-398 F 100-203 C

Vapor Density: > AIR

Spec Gravity: 1.099

VOC Grams/Liter: 3.02

Viscosity: 70 KU

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: YES

Appearance and Odor: LIQUID ODOR OF SOLVENTS

Percent Volatiles by Volume: 41.22

Corrosion Rate: MINIMAL

===== **Stabilit**=====

y and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS, STRONG ACIDS

Stability Condition to Avoid: THIS MATERIAL HAS BEEN FOUND TO BE STABLE UNDER REASONABLE CONDITIONS OF STORAGE AND USE. AVOID HIGH TEMPERATURES.

Hazardous Decomposition Products: OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION. CAN PRODUCE CARBON MONOXIDE

AND/OR CARBON DIOXIDE.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information: DOT SHIPPING NAME: 49CFR172.101-102, PAINT;3;UN1263;II, DOT HAZARD CLASSIFICATION: 49CFR172.101-102, FLAMMABLE LIQUID, DOT LABELS REQUIRED 49CFR172.101-102, FLAMMABLE, EPA HAZARDOUS WASTE CODE: D00 1 IGNITABLE, U.S. POSTAL REGULATIONS FORBID SENDING THIS PRODUCT THROUGH THE MAIL.

===== Regulatory Information =====

SARA Title III Information: FROM THE LIST OF TOXIC CHEMICALS, THIS PRODUCT CONTAINS, COBALT COMPOUNDS, TOLUENE

Federal Regulatory Information: OUR HAZARD EVALUATION HAS FOUND THIS PRODUCT TO BE HAZARDOUS. THE PRODUCT SHOULD BE REPORTED UNDER THE FOLLOWING EPA HAZARD CATEGORIES, IMMEDIATE ACUTE HEALTH HAZARD, DELAYED CHRONIC HEALTH HAZARD, FIRE HAZARD.

State Regulatory Information:

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

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