

NILES CHEMICAL PAINT CO -- N5179 HIGH GLOSS RED ENL, 11105 -- 8010-00-616-7487

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

Product ID:N5179 HIGH GLOSS RED ENL, 11105

MSDS Date:06/08/1993

FSC:8010

NIIN:00-616-7487

MSDS Number: BRKGM

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT CO

Address:225 FORT ST

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3377 OR 219-236-5856

Emergency Phone Num:616-683-3377 OR 219-236-5856

Preparer's Name:

MIKE 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

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

Ingred Name:ALKYD RESIN SOLUTION

CAS:68459-31-4

Fraction by Wt: 48%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM/STEL 200 PPM

Ingred Name:BUTYL ACETATE (VAPOR PRESSURE 10 MM HG @ 20C)

CAS:123-86

-4

RTECS #:AF7350000

Fraction by Wt: 33%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM/STEL 200 PPM

ACGIH TLV:150 PPM/STEL 200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:POLYESTER/POLYAMINE COPOLYMER

Fraction by Wt: 1%

Other REC Limits:NONE SPECIFIED

Ingred Name:ORGANOPHYLIC CLAY

CAS:71011-25-1

Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

Ingred Name:COBALT COMPOUNDS (AS CO)

CAS:7440-48-4

RTECS #:GF8750000

Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

OSHA PEL

:0.1 MG/M3;AS CO

ACGIH TLV:0.05 MG/M3;DUST 9293

Ingred Name:PROPIETARY INGREDIENTS

Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 3.02 LB/GAL

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYES: SEVERE IRRITATION,  
LACRIMATION, REDNESS, BLURRED VISION. SKIN: REDNESS, IR

RITATION.

DEFATTING OF SKIN LEADING TO DERMATITIS. INHALE: NASAL & RESP  
IRRITATION, CNS DEPRESSION. DIZZINESS, DR OWSINESS, WEAKNESS,  
FATIGUE, CONFUSION.NAUSEA, HEADACHE, VERTIGO, UNCONSCIOUSNESS,  
ASPHYXIATION. CHRONIC: DERMATITIS.

Effects of Overexposure:INGESTION: GASTROINTESTINAL IRRITATION,  
ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA. TARGET ORGANS: LIVER,  
KIDNEYS, EYES, SKIN, RESPIRATORY SYSTEM, CENTRAL NERVOUS SYSTEM  
(CNS).

Medical Cond Aggravated by Exposure:NON  
E KNOWN

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET  
MEDICAL ATTENTION IMMED. SKIN: IMMED FLUSH SKIN W/WATER. IF  
MATERIAL PENETRATES CLOTHING REMOVE & WASH BEFORE REUSE. GET  
MEDICAL ATTENTION. EYES : IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS  
OF WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS OCCASIONALLY. GET  
MEDICAL ATTENTION IMMED. INGESTION: DO NOT INDUCE VOMITING, DRINK  
WATER. GE  
T MED AID.

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

Flash Point Method:TCC  
Flash Point:72.0F,22.2C  
Lower Limits:0.8  
Upper Limits:7.6  
Extinguishing Media:DRY CHEMICAL, FOAM, CO2.  
Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE OPERATED IN  
POSITIVE PRESSURE MODE. WATER USED TO COOL CLSD CNTNRS TO PREVENT  
BUILDUP & POSSIBLE AUTO IGNITION OR EXPLO EXPOS TO HEAT  
Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. VAPORS > AIR  
TRAVEL ALONG GRND TO AN I  
GNITION SOURCE. ISOLATE FM ALL HEAT TYPES.  
CLSD CNTNRS MAY EXPLODE EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. DON'T BREATHE  
VAPORS. AVOID SKIN CONTACT. ABSORB WITH INERT MATERIAL. SHOVEL  
RECLAIMED INTO DRUMS FOR DISPOSAL. DIKE TO PREVENT FURTHER MOVEMENT  
& RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR  
DISPOSAL.

===== Handling and Storage

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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. DO NOT WELD OR FLAME CUT ON EMPTY DRUMS.

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

Respiratory Protection:WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY FITTED HALF-MASK OF FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING &

AFTER APPLICATION UNLESS AIR MONITORING KEEPS VAPOR/MIST BELOW APPLICABLE LEVELS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS.

Ventilation:SUFFICIENT VENT IN VOLUME/PATTERN TO KEEP AIR CONCENTRATION BELOW ACGIH'S TLV LIMIT.

Protective Gloves:CHEMICAL RESISTANT, NITRILE, VITON

Eye Protection:CHEMICAL/SAFETY GLASSES, FACE SHIELD

Other Protective Equipment:CLOTHING AS NEEDED TO PREVENT SKIN CONTACT

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING

RESTROOMS. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:251 TO 398F

Vapor Density:> AIR

Spec Gravity:1.096

Viscosity:70 KU

Evaporation Rate & Reference:< ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume:41.22

Corrosion Rate:MINIMAL

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

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES, SHOCK FROM DROPPING.

Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

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

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

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