

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:12/20/1995

FSC:8010

NIIN:00-616-7487

MSDS Number: BZSVZ

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT CO

Address:3RD AND FORT ST

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3370 OR 219-236-5856

Emergency Phone Num:616-683-3370 OR 219-236-5856

Preparer's N

ame: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: 45%

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:12

3-86-4
RTECS #:AF7350000
Fraction by Wt: 28%
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:BARIUM SULFATE (SARA 313)
CAS:7727-43-7
RTECS #:CR0600000
Fraction by Wt: 8%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:10 MG/M3

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 #:GF8
750000
Fraction by Wt: < 1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3;AS CO
ACGIH TLV:2.0 MG/M3;DUST 9293

Ingred Name:PROPIETARY INGREDIENTS
Fraction by Wt: BALANCE
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 3.02 LB/GAL
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

Ingred Name:XYLENES (O-,M-,P- ISOMERS)(SARA 313)(CERCLA)(VAPOR PRESSURE
= 7.0)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 1.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL

;9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ACRYLIC RESIN
Fraction by Wt: 1.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT EST.
ACGIH TLV:NOT EST.

Ingred Name:YELLOW PIGMENT
Fraction by Wt: 1.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT EST.
ACGIH TLV:NOT EST.

===== 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, IRRITATION.
DEFATTING OF SKIN LEADING TO DERMATITIS. INHALE: NASAL & RESP
IRRITATION, CNS DEPRESSION. DIZZINESS, DROWSINESS, WEAKNESS,
FATIGUE, CONFUSION.NAUSEA, HEADACHE, VERTIGO, UNCONSCIOUSNESS,
ASPHYXIATION. CHRONIC DERMATITIS.*
Explanation of Carcinogenicity:NA
Effects of Overexposure:*INGESTION: GASTROINTESTINAL IRRITATION,
ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA. TARGET ORGANS:
LIVER,
KIDNEYS, EYES, SKIN, RESPIRATORY SYSTEM, NUISANCE DUST, CNS, GI
TRACT. CHRONIC EFFECTS OVEREXPOSURE: DERMATITIS, INCOHERENCE,
CORNEAL VACUOLIZATION, ANOREXIA.
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHAL: GET FRESH AIR. RESTORE BREATHING. GET MED AID IMMEDIATELY.
SKIN: IMMEDIATELY FLUSH SKIN WITH WATER. IF MATERIAL PENETRATES CLOTHING
REMOVE & WASH BEFORE REUSE. GET MEDICAL ATTENTION. EYES:

IMMEDIATELY FLUSH EYES WITH LOTS WATER > 15 MINS, LIFTING EYELIDS OCCASIONALLY. GET MED AID IMMED. INGEST: DRINK 1-2 GLASSES WATER. DON'T INDUCE VOMITING. SEE DR/POINSON CONTROL CTR IMMEDIATELY. TREAT SYMPTOMATICALLY.

===== 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 IGNITION 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 =====

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 OR 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 Glove

s: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
NA

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

Boiling Pt:B.P. Text:212 TO 398F
Decomp Temp:Decomp Text:NE
Vapor Density:> AIR
Spec Gravity:1.099
pH:NA

Viscosity:70 KU
Evaporation Rate & Reference:< ETHER
Solubility in Water:YES
Appearance and Odor:LIQUID, ODOR OF SOLVENTS
Percent Volatiles by Volume:41.2
Corrosion Rate:MINIMAL

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

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.

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

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

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