

NILES CHEMICAL PAINT -- N-5114 GRAY SILICONE ENAMEL

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MSDS Safety Information
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FSC: 8010
NIIN: 01-344-5310
MSDS Date: 07/31/2000
MSDS Num: CKRWS
Product ID: N-5114 GRAY SILICONE ENAMEL
MFN: 01
Responsible Party
Cage: 02388
Name: NILES CHEMICAL PAINT
Address: 225 FORT ST
Box: 307
City: NILES MI 49
120
Info Phone Number: 616-683-3377
Emergency Phone Number: 219-236-5856
Preparer's Name: MIKE LICHAOWICH
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 02388
Name: NILES CHEMICAL PAINT
Address: 225 FORT STREET
Box: 307
City: NILES MI 49120
Phone: 616-683-3377/219-236-5856

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Item Description Information
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Item Manager: GSA
Item Name: ENAMEL
Unit of Issue: GL
UI Container Qty: 0
Type of Container: CAN
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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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Route Of Entry Inds - Inhalation:

YES

Skin: YES

Ingestion: YES

Effects of Exposure: EYES: SEVERE IRRITATION. LACRIMATION, BLURRED VISION, EYE BURNS. SKIN: HARMFUL IF ABSORBED THROUGH SKIN. CAN BE ABSORBED IN TOXIC AMOUNTS, ESPECIALLY FROM PROLONGED OR REPEATED EXPOSURES. BREATHING: NASAL AND RESPIRATORY IRRITATION, CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION), NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION. SWALLOWING: GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA,

EMESIS, VOMITING, DIARRHEA, BLINDNESS, AND EVEN DEATH. CHRONIC: LIVER, KIDNEYS, CNS, CNS EFFECTS AND KIDNEY AND LIVER DAMAGE. TARGET ORGANS: LIVER, KIDNEYS, CNS, EYES, SKIN, BLOOD, RESPIRATORY SYSTEM.

Explanation Of Carcinogenicity: COBALT IS LISTED AS GROUP 2B CARCINOGEN (POSSIBLY CARCINOGENIC TO HUMANS). CANCER CAUSING AGENT: N/A.

Signs And Symptoms Of Overexposure: IRRITATION, LACRIMATION, REDNESS, BLURRED VISION, VISUAL DISTURBANCES, EYE BURNS, BLINDNESS, CNS DEPRESSION (DIZZINESS, DROWSINESS,

WEAKNESS, FATIGUE, CONFUSION), NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, ASPHYXIATION, GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NASAL AND RESPIRATORY IRRITATION, DEATH.

Medical Conditions Aggravated By Exposure: NONE KNOWN.

First Aid: INHALATION: MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. 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: INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

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Handling and Disposal
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Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES. MINIMIZE BREATHING OF VAPORS AND AVOID SKIN CONTACT. ABSORB WITH AN INERT MATERIAL SUCH AS CLAY, SOIL, OR COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID AND ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. LARGE SPILLS: DIKE TO PREVENT FURTHER MOVEMENT AND RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal

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

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. SHOCK FROM DROPPING MAY SPLIT CONTAINER.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point: =41.7C, 107.F

Lower Limits: 0.7

Upper Limits: 36.0

Extinguishing Media: DRY CHEMICAL, FOAM, CO2.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE AND FULL PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP AND POSSIBLE AUTO IGNITION OF EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE HEALTH HAZARD. OBTAIN MEDICAL ATTENTION.

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Control Measures
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Respiratory Protection: WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY FITTED HALF-MASK OR FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.

Ventilation: PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP AIR CONCENTRATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'S TLV LIMIT.

Protective Gloves: CHEMICAL

L RESISTANT (NITRILE OR VITON) GLOVES.

Eye Protection: CHEMICAL GOGGLES, SAFETY GLASSES OR FACE SHIELDS.

Other Protective Equipment: WEAR CHEMICAL RESISTANT (NITRILE OR VITON) CLOTHING AS NEEDED TO PREVENT SKIN CONTACT.

Work Hygienic Practices: EMPLOYEE SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED. WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM.

Supplemental Safety and Health: REMOVE ANY CLOTHING THAT BECOMES WET (TO AVOID FLAMMABILITY HAZARD) & WASH BEFORE REUSE.

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Physical/Chemical Properties

HCC: F4

Boiling Point: =63.3C, 146.F

B.P. Text: 146-399F;63-203C

Decomp Text: N/E

Vapor Density: >AIR

Spec Gravity: 1.440 (12.01 LBS/GAL)

VOC Pounds/Gallon: 2.76

Viscosity: 99 KU MAX

Evaporation Rate & Reference: SLOWER THAN ETHER.

Solubility in Water: YES

Appearance and Odor: LIQUID, ODOR OF SOLVENTS.

Percent Volatiles by Volume: 41.10

Corrosion Rate: MIN

IMAL

Reactivity Data

Stability Indicator: YES

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

Materials To Avoid: STRONG OXIDIZERS, STRONG ACIDS AND BASES AND OXIDIZERS. OXIDIZING AGENTS.

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

Hazardous Polymer

ization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

Toxicological Information

Ecological Information

Ecological: EPA HAZARDOUS WASTE CODE: D-001 (IGNITABLE).

MSDS Transport Information

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Transport Information: DOT SHIPPING NAME:PAINT, CLASS 3, UN 1263, PKG I I I.
DOT HAZARD CLASSIFICATION: FLAMMABLE LIQUID. DOT LABEL REQUIRED: FLAMMABLE.
U.S. POSTAL REGULATIONS FORBID SENDING THIS PRODUCT THROUGH THE MAIL.
AEROSOL PROPELLANTS: N/A.
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Regulatory Information

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Sara Title III Information: SECTION 302: EXTREMELY HAZARDOUS S
UBSTANCES (40 CFR
355): THIS PRODUCT DOES OT CONTAIN INGREDIENTS IN APPENDIX A AND B AS AN
EXTREMELY HAZARDOUS SUBSTANCE. SECTIONS 311 AND 312 - M.S.D.S. REQUIREMENTS
: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 HAZAR D; FIRE HAZARD.
SECTION 313 - LIST OF TOXIC CHEMICALS I(40 CFR 372): FROM THE LIST OF TOXIC
CHEMICALS, THIS PRODUCT C
ONTAINS: ZINC, COBALT COMPOUNDS, METHANOL.,
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Other Information

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Other Information: MANUFACTURER STATES UNIDENTIFIED INGREDIENTS ARE NOT
CONSIDERED HAZARDOUS UNDER THE FEDERAL HAZARD COMMNICATION REGULATIONS.
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Transportation Information

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Responsible Party Cage: 02388
Trans ID
NO: 154301
Product ID: N-5114 GRAY SILICONE ENAMEL
MSDS Prepared Date: 07/31/2000
Review Date: 08/02/2000
MFN: 1
Net Unit Weight: 12 LBS
Multiple KIT Number: 0
Unit Of Issue: GL
Container QTY: 0
Type Of Container: CAN
Additional Data: TRANSPORTATION DATA PER MANUFACTURER'S MSDS.
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Detail DOT Information

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DOT PSN Code: LFE
DOT Proper Shipping Name: PAINT
DOT PSN Modifier: INCLUDING PAINT,
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LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
VARNISH, POLISH, LIQUID FILLER, AND LIQUID LACQUER BASE

Hazard Class: 3
UN ID Num: UN1263
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1,B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 173
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: E,B,A

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Detail IMO Information
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IMO PSN Code: LCT
IMO Pr
oper Shipping Name: PAINT OR PAINT RELATED MATERIAL
IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT
THINNING OR REDUCING COMPOUND) o
IMDG Page Number: 3372
UN Number: 1263
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 310

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Detail IATA Information
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IATA PSN Code: SXH
IATA UN ID Num: 1263
IATA Proper Shipping Name: PAINT
IATA PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC, VARNISH,
POLISH, LIQUID FILLER AND LIQUID LACQUER BASE)
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: III
Packing Note Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packaging Note Cargo: 310

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Detail AFI Information
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AFI PSN Code: SXH

AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL

AFI PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT
THINNING OR REDUCING COMPOUNDS)

AFI Hazard Class: 3

AFI UN ID NUM: UN1263

AFI Packing Group: III

Special Provisions: P5

Back Pack Reference: A7.3
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HAZCOM Label
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Product ID: N-5114 GRAY SILICONE ENAMEL

Cage: 02388

Company Name: NILES CHEMICAL PAINT

Street: 225 FORT STREET

PO Box: 307

City: NILES MI

Zipcode: 49120

Health Emergency Phone: 219-236-5856

Label Required IND: Y

Date Of Label Review: 08/02/2000

Status Code: A

Label Date: 08/02/2000

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Severe

Contact

Hazard: Moderate

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: EYES: SEVERE IRRITATION. LACRIMATION, BLURRED VISION,
EYE BURNS. SKIN: HARMFUL IF ABSORBED THROUGH SKIN. CAN BE ABSORBED IN TOXIC
AMOUNTS, ESPECIALLY FROM PROLONGED OR REPEATED EXPOSURES. BREATHING: NASAL
AND RESPIRATORY IRRITATION, CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS,
FATIGUE, CONFUSION), NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS,
EVEN ASPHYXIATION. SWALLOWING: GASTROINTESTINAL

AL IRRITATION, ABDOMINAL PAIN,
NAUSEA, VOMITING, DIARRHEA, BLINDNESS, AND EVENDEATH. CHRONIC: LIVER,
KIDNEYS, CNS, CNS EFFECTS AND KIDNEY AND LIVER DAMAGE. TARGET ORGANS: LIVER,
KIDNEYS, CNS, EYES,SK IN, BLOOD, RESPIRATORY SYSTEM.

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