

NILES CHEMICAL PAINT CO -- N-5112 GRAY SILICONE ENAMEL -- 8010-01-350-4727

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Product Identification
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Product ID:N-5112 GRAY SILICONE ENAMEL

MSDS Date:05/20/1993

FSC:8010

NIIN:01-350-4727

MSDS Number: BSHZJ

=== 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

Emer

gency Phone Num:616-683-3370 OR 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
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Ingred Name:HIGH SOLIDS SILICONE (VAPOR PRESSURE 1.5 MM HG @ 20C)

Fraction by Wt: 28%

Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL SPIRITS

CAS:80

52-41-3
RTECS #:WJ8925000
Fraction by Wt: 17%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:VM & P NAPHTHA HI FLASH (VAPOR PRESSURE 15 @ 37.7C)
Fraction by Wt: 7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:350 PPM

Ingred Name:ZINC OXIDE (SARA III)
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 3%
Other REC Limits:NONE SPECIFIED

Ingred Name:COBALT COMPOUNDS (AS CO) (SARA 313)
CAS:7440-48-4
RTECS #:GF8750000
Fraction by Wt: < 1%
Other REC Limits
:NONE SPECIFIED
OSHA PEL:0.1 MG/M3
ACGIH TLV:2 MG/M3

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

Ingred Name:VOC: 2.81 LBS/GAL
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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===== 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:EYES: SEVERE IRRITATION, LACRIMATION,
REDNESS, BLURRED V

SION. SKIN: REDNESS & IRRITATION, DEFATTING OF THE SKIN LEADING TO DERMATITIS. INHALATION: NASAL/RESPIRATORY IRRITATION. CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION) NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION.

Effects of Overexposure:INGESTION: GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE KNOWN

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===== First Aid Measures =====
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First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MED AID ASAP. SKIN: IMMEDIATELY FLUSH SKIN W/PLENTY OF WATER. IF MATERIAL PENETRATES THE CLOTHING, IMMEDIATELY REMOVE & FLUSH THE SKIN W/WATER. GET MED AID. EYE: IMMEDIATELY FLUSH EYES W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OCCASION OPENING EYELIDS. GET MED AID. INGESTION: DO NOT INDUCE VOMITING. DRINK 1 OR 2 GLASSES OF WATER. GET MED AID.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC

Flash Point:107F,41C

Lower Limits:0.8

Upper Limits:0.0

Extinguishing Media:DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE OPERATED IN + PRESSURE MODE & FULL PROTECTIVE CLOTHING. WATER COOL CLOSED CONTAINERS PREVENT PRESSURE BUILDUP, AUTO IGNITION, EXPLOS.

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. VAPORS > AIR TRAVEL TO IGNITION SOURCE. KEEP FM HEATS. CLSD CNTNRS EXPLODE EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRE *

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===== Accidental Release Measures =====
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. MINIMIZE THE BREATHING OF VAPORS & AVOID SKIN CONTACT. ABSORB W/INERT MATERIAL SUCH AS CLAY, SOIL OR COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID & ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL.

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===== Handling and Storage =====
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Handling and Storage Precautions:AVOID STORAGE

RAGE 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. * SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMP NOT IMMED APPARENT.

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

Respiratory Protection:WEA

R AN APPROPRIATE (TYPE TC-23C-75) PROPERLY

FITTED HALF-MASK/FULL FACEPIECE RESPIRATOR DURING/AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVEL BELOW LIMITS. FOLLOW RESPIRATOR MA NUFACTURER'S DIRECTIONS FOR USE.

Ventilation:SUFFICIENT VENTILATION IN VOLUME & PATTERN SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW EXPOSURE LIMIT.

Protective Gloves:NITRILE OR VITON, CHEMICAL RESISTANT

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES

Other Protective Equipme

nt:FACE SHIELD, CLOTHING AS NEEDED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING RESTROOM. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:285 TO 398F

Vapor Density:> AIR

Spec Gravity:1.364

Viscosity:100 KU MAX

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUI

D, ODOR OF SOLVENTS

Percent Volatiles by Volume:42.23

Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

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

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

Conditions to Avoid Polymerization:HIGH TEMPERATURES, SHOCK FROM DROPPING

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

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

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