

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:09/02/1992

FSC:8010

NIIN:01-350-4727

MSDS Number: BSHZH

=== 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: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

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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:8052-

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 MM HG @ 37.7C)  
CAS:8030-30-6  
RTECS #:DE3030000  
Fraction by Wt: 7%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:500 PPM  
ACGIH TLV:350 PPM

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

Ingred Name:COBALT (AS CO)  
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:MANGANESE (AS MN)  
CAS:7439-96-5  
RTECS #:OO9275000  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:VOC: 2.80 LB/GL  
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  
Effects of Overexposure:GASTROINTE

STINAL IRRITATION. ABDOMINAL PAIN,  
NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTION: DRINK 1 OR 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL.

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

Flash Point Method:TCC

Flash Point:107F,42C

Lower Limits:0.8

Extinguishing Media:DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE OPERATED POSITIVE PRESSURE MODE & FULL PROTECTIVE CLOTHING. WATER COOL CLSD CNTNRS PREVENT PRESSURE BUILDUP, AUTO IGNITION, EXPLOSION

Unusual F

ire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. VAPORS HEAVIER AIR TRAVEL TO IGNITION SOURCE. KEEP FROM HEAT,IGNIT SOURCE. OVEREXPOSURE TO DECOMP PRODUCTS HEALTH HAZARD. GET MED AID.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS & AVOID SKIN CONTACT. ABSORB WITH INERT MATERIAL SUCH AS CLAY, SOIL, COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID & ABSORB ENT INTO RECOVERY OR SALVAGE DRUMS 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 HAZARDOUS WHEN EMPTY. DON'T WELD, FLAME CUT ON EMPTY DRUMS. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/THIS MATERIAL. REMOVE DECOMPOSITION PRODUCTS

FORMED DURING WELD ING/FLAME CUTTING OF SURFACE COATED W/\*

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

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

Ventilation:SUFFICIENT VENTILATION IN VOLUME/PATTERN TO KEEP AIR CONCENTRATION BEL

OW CURRENT APPLICABLE OSHA EXPOSURE LIMITS.

Protective Gloves:NITRILE OR VITON CHEMICAL RESISTANT

Eye Protection:CHEMICAL GOGGLES,SAFETY GLASSES W/SIDES

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

Supplemental Safety and Health

LARGE SPILLS: REMOVE ALL SOURCES OF IGNITION. MINIMIZE THE BREATHING OF VAPORS & AVOID SKIN CONTACT. DIKE TO PREVENT FURTHER MOVEMENT & RECLAIM INTO RECOVERY OR SALVAG

E DRUMS OR TANK TRUCK FOR DISPOSAL.

\*W/THIS PRODUCT.

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

HCC:F4

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

Vapor Density:> AIR

Spec Gravity:1.368

Viscosity:100 KU MAX

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume:42.04

Corrosion Rate:MINIMAL

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

Stability Indicator/M

aterials 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

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

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

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