

NILES CHEMICAL PAINT -- N-5114 GRAY SILICONE ENAMEL -- 8010-01-344-5310

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

Product ID:N-5114 GRAY SILICONE ENAMEL

MSDS Date:06/29/2000

FSC:8010

NIIN:01-344-5310

Status Code:A

MSDS Number: CKZCD

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT

Address:225 FORT STREET

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

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

Emergency Phone Num:219-236-5856

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

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:NATURAL CALCIUM CARBONATE

CAS:1317-65-3

RTECS #:EV9580000

= Wt:27.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:HIGH SOL

IDS SILICONE

= Wt:24.

Ingred Name:MINERAL SPIRITS

CAS:8052-41-3

Code:F

RTECS #:WJ8925000

= Wt:17.

OSHA PEL:2900 MG/M3;500 PPM

ACGIH TLV:525 MG/M3;100 PPM

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

= Wt:11.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)

CAS:64742-95-6

RTECS #:WF3400000

= Wt:5.

Ingred Name:ZINC OXIDE (ZNO)

CAS:1314-13-2

RTECS #:ZH4810000

= Wt:2.

OSHA PEL:15 MG/M3

Ingred Name:AMORPHOUS SYNTHETIC SILICA GEL

CAS:112

926-00-8

RTECS #:VV7315000

= Wt:1.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:10 MG/M3

Ingred Name:COBALT

CAS:7440-48-4

RTECS #:GF8750000

= Wt:1.

OSHA PEL:0.1 MG/M3

ACGIH TLV:0.02 MG/M3

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

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION LACRIMATION,  
REDNESS, BLURRED VISION, VISUAL DISTURBANCE AND EYE BURNS.

SKIN:HARMFUL IF ABSORBED THROUGH SKIN. CAN BE ABSORBED IN TOXIC  
AMOUNTS.

Explanation of Carcinogenicity:COBALT

IS LISTED AS A GROUP 2B  
CARCINOGEN.

Effects of Overexposure: BREATHING: NASAL AND RESPIRATORY IRRITATION,  
CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE,  
CONFUSION, NASEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, EVEN  
ASPHYXIATION. LIVER, KIDNEYS CNS, CNS EFFECTS AND KIDNEY AND LIVER  
DAMAGE,

Medical Cond Aggravated by Exposure: NONE KNOWN.

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

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: WASH WITH SOAP AND WATER. EYE CONTACT:  
IMMEDIATE LY FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15  
MINUTES. SWALLOWING: INDUCE VOMITING IMMEDIATELY BY GIVING 2  
GLASSES OF WATER AND STICKING FINGER DOWN THROAT.

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

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.

Unusual Fire/Explosion Hazard: KEEP CONTAINER TIGHTLY CLOSED. ISOLATE  
FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED  
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION  
TO HOT SURFACES REQUIRES SPECI AL PRECAUTIONS. DURING EMERGENCY  
CONDITIONS, OVE

REXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A  
HEALTH HAZARD.

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

Spill Release Procedures: ABSORB WITH AN INERT MATERIAL SUCH AS CLAY,  
SOIL, OR A COMMERCIALY AVAILABLE ABSORBENT. DIKE TO PREVENT FURTHER  
MOVEMENT AND RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK  
FOR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions: AVOID STORAGE IN HIGH TEMPERATU

RE

AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE .

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY. DO NOT WELD OR FLAME CUT ON EMPTY DRUM.

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

Respiratory Protection:WEAR AN APPROPRIATE (TYPE TC -23C-75) PROPERLY FITTED HALF-MASK OR FULL FACEPIECE RESPIRATOR.

Ventilation:SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW CURRENT APPLICABLE OSHA SURFACES.

Protective Gloves:WEAR CHEMICAL RESISTANT (NITRILE OR VITON) GLOVES

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

Work Hygienic Practices:EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN CONTACT. IF POTENTIAL FOR EYE CONTACT REMOVE ANY CLOTHING THAT BECOMES WET.

Supplemental Safety and Health

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

Boiling Pt: AIR

Spec Gravity:1.440

VOC Grams/Liter:2.76

Vis

cosity:99 % V 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:NINIMAL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, STRONG ACIDS AND BASES AND OXIDIZERS, OXIDIZING AGENTS, NONE KNOWN, STRONG ACIDS, ALKALIES

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products

:CAN PRODUCE CARBON MONOXIDE AND/OR  
CARBON DIOXIED.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOACL,  
STATE, AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expre  
ssly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.