

NILES CHEMICAL PAINT CO -- N-5544 BLUE-GRAY SILICONE ENAMEL -- 8010-01-374-8954

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

Product ID:N-5544 BLUE-GRAY SILICONE ENAMEL

MSDS Date:01/21/1997

FSC:8010

NIIN:01-374-8954

MSDS Number: CDVWS

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT CO

Address:225 FORT STREET

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3377

Emergency P

hone Num: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

=====
Composition/Information on Ingredients
=====

Ingred Name:HIGH SOLIDS SILICONE (VAPOR PRESSURE 1.5 MM HG @ 20C)

Fraction by Wt: 34.0%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL SPIRITS

CAS:8052-41-3

RTECS #:WJ8925

000

Fraction by Wt: 16.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:#100 SOLVENT (VAPOR PRESSURE 4.4 MM HG @ 20C)

CAS:64742-95-6

Fraction by Wt: 9.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM, STEL 50 PPM

Ingred Name:COBALT COMPOUNDS (AS CO) (SARA 313)

CAS:7440-48-4

RTECS #:GF8750000

Fraction by Wt: 15 MINUTES. LIFT

LIDS. ING EST: INDUCE VOMIT (2 GLASSES WATER & FINGER DOWN THROAT).

NEVER GIVE ANYTHING BY MOUTH TO UNCONSCI

OUS PERSON. GET MED AID IN

ALL CASSES.

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

Flash Point Method:TCC

Flash Point:107F,42C

Lower Limits:0.8

Upper Limits:36.0

Extinguishing Media:DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:WEAR SCBA W/FULL FACPIECE (POSITIVE PRESSURE MODE) & FULL PROTECT CLOTH. USE WATER TO COOL CLOSED CNTNR TO PREVENT PRESSURE BLDUP/AUTO IGNIT/EXPLOSION W/HEAT.

Unusual Fire/Explosion Hazard:KEEP CNTNR CLSD.VAPOR HEAVY,TRAVEL ON

GRND TO IGNIT.KEEP FROM IGNITS. CLSD CNTNRS EXPLODE W/HEAT. APPLIC TO HOT SRFCS REQ SPCL CAUTN. DECOMP PRODUCT-HEALTH HZD.

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

Spill Release Procedures:ELIMINATE IGNIT SOURCE. MINIMIZE VAPOR BREATHING. AVOID SKIN CONTACT. SMALL: ABSORB/SHOVEL RECLAIMED LIQUID INTO RECOVERY/SALVAGE DRUMS FOR DISPOSAL. LRG: DIKE/RECLAIM INTO RECOVERY/SALVAGE DRUMS OR T ANK TRUCK.

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

=====

Handling and Storage Precautions:AVOID STORAGE IN HIGH TEMPERATURE AREA 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.

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

Respiratory Protection:WEAR AN APPROPRIATE PROPERLY FITTED HALF-MASK OR FU

LL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING/AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS BELOW APPLICABLE LIMITS. FOLLOW RE SPIRATOR MFR'S DIRECTIONS FOR USE.

Ventilation:KEEP BELOW TLV/PEL. REMOVE DECOMPOSITION PRODUCTS FORMED DURING WELDING/FLAME CUTTING OF COATED SURFACES.

Protective Gloves:CHEM RESISTANT (NITRILE/VITON) GLOVES

Eye Protection:CHEM GOGGLES,SAFETY GLASSES,FACE SHIELD

Other Protective Equipment:DON'T WEAR CONTACT LENSES WHILE WORKING WITH

PRODUCT.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM.

Supplemental Safety and Health

NK

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

Boiling Pt:B.P. Text:146 TO 398F

Decomp Temp:Decomp Text:NOT EST.

Vapor Density:> AIR

Spec Gravity:1.263

pH:NA

VOC Grams/Liter:2.79

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:YES

Appearance and Odor:LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume:41.25

Corrosion Rate:M

INIMAL

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, STRONG ACIDS

Stability Condition to Avoid: HIGH TEMPERATURES

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

Conditions to Avoid Polymerization: HIGH TEMPERATURES

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

Waste Disposal Methods: IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIO

N. EPA HAZARDOUS WASTE CODE: D001 (IGNITABLE)

===== Other Information =====

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, expressly 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.