

NILES CHEMICAL PAINT CO -- N-5138 GRAY SI ALKYD -- 8010-01-356-9905

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

Product ID:N-5138 GRAY SI ALKYD

MSDS Date:01/21/1997

FSC:8010

NIIN:01-356-9905

MSDS Number: CDVVY

=== 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 Phone Num:219-236-5856

Pr

eparer'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: 28.0%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL SPIRITS

CAS:8052-41-3

RTECS #:WJ8925000

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: 7.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM, STEL 50 PPM

Ingred Name:ZINC OXIDE (SARA 313) (CERCLA)
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 3.0%
Other REC Limits:NONE RECOMMENDED

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 UNCONSCIOUS 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/RE

CLAIM

INTO RECOVERY/SALVAGE DRUMS OR TANK 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 FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING/AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR 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: 1.369

pH: NA

VOC Grams/Liter: 2.8

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in

Water: YES
Appearance and Odor: LIQUID, ODOR OF SOLVENTS
Percent Volatiles by Volume: 41.74
Corrosion Rate: MINIMAL

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

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZERS
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 REGULATION. 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.