

NILES CHEMICAL PAINT COMPANY -- MIL-C-46168D, PART B 4:1 BLEND -- 8010-01-141-2414

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Product Identification  
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Product ID:MIL-C-46168D, PART B 4:1 BLEND  
MSDS Date:11/17/1988  
FSC:8010  
NIIN:01-141-2414  
Kit Part:Y  
MSDS Number: BHYLG  
=== Responsible Party ===  
Company Name:NILES CHEMICAL PAINT COMPANY  
Address:225 FORT STREET  
Box:307  
City:NILES  
State:MI  
ZIP:49120  
Country:US  
Info Phone Num:616-683  
-3377 (INFORMATION)  
Emergency Phone Num:219-236-5856 (24 HOURS)  
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:HOMOPOLYMER OF HDI  
(VAPOR PRESSURE 7.5E-5 MM @ 20C)  
CAS:28182-81-2  
RTECS #:NQ9170000  
Fraction by Wt: 75%  
OSHA

PEL:NE  
ACGIH TLV:NE

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)  
CAS:822-06-0  
RTECS #:MO1740000  
Fraction by Wt: 0.7%  
ACGIH TLV:0.005 PPM; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 12.5%  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 12.5%  
OSH  
A PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:VOLATILE ORGANIC CMPD 2.21 LB/GAL  
RTECS #:9999999VO

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EXPOSURE MAY LEAD TO BRONCHITIS,  
BRONCHIAL SPASM, & PULMONARY EDEMA. CHEMICAL OR HYPERSENSITIVE  
PNEUMONITIS W/FLU L

LIKE SYMPTOMS. VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT RESULTING IN CHEMICAL PNEUMONITIS. CONTACT WITH BUTYL ACETATE OR XYLENE CAN RESULT IN DRY, DEFATTED, & CRACKED SKIN CAUSING SUSCEPT. TO INFECTIONS.

Effects of Overexposure: EYE: IRRIT., TEARING, REDDENING, & SWELLING ALONG WITH STINGING & DUST SENSATION SKIN:

REDDENING, SWELLING, RASH, SCALING, OR BLISTERING, & DERMATITIS

INHAL: IRRIT. THE MUCOUS MEMBRANES IN NOSE, THROAT, LUNGS, COUGHING, CHEST DISCOMFORTINGST: IRRIT.

T. & CORROSIVE

ACTION TO MOUTH, STOMACH TISSUE, & DIGESTIVE TRACK.

Medical Conditions Aggravated by Exposure: ASTHMA, RESPIRATORY DISORDERS SUCH AS BRONCHITIS, EMPHYSEMA, & HYPERACTIVITY, SKIN ALLERGIES, AND ECZEMA.

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

First Aid: EYE: FLUSH WITH CLEAN Lukewarm Water, Lower Lids Pressed for 15 Mins, Lifting Eyelids, Get Medical Attention SKIN: WASH AREA WITH SOAP & WATER. REMOVE CONTAM. CLOTHING IMMEDIATELY, GET MEDICAL ATTENTION INGEST: DO NOT INDUCE VOMITING.

DO NOT GIVE ANYTHING BY MOUTH, CONSULT A PHYSICIAN INHAL: REMOVE TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION AS NEEDED, GET MEDICAL ATTENTION ASTHMATIC TYPE SYMPTOMS MAY DEVELOP & MAY BE IMMEDIATE OR DELAYED UP TO SEVERAL HOURS

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

Flash Point Method: PMCC

Flash Point: 91F/33C

Lower Limits: 1.0

Upper Limits: 7.6

Extinguishing Media: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures: WEAR SCBA & FULL PROTECTIVE CLOTHING. ISOLATE

FROM HEAT, ELECT. EQUIP, SPARKS, & OPEN FLAME. CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT, MAY ALSO

Unusual Fire/Explosion Hazard: BURST WHEN CONTAMINATED WITH WATER CREATING CO2. STAGNANT AIR MAY CAUSE VAPORS TO BUILD UP & TRAVEL ALONG GROUND TO AN IGNITION SOURCE WITH MAY FLASH BACK TO SOURCE OF VAPORS.

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

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION & VENTILATE AREA. DIKE OR IMPOUND SPILLED MATERIAL &



Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS, AND SURFACE ACTIVE MATERIALS

Stability Condition to Avoid: MOISTURE, HIGH TEMPERATURES, OR SHOCK FROM DROPPING

Hazardous Decomposition Products: BY HIGH HEAT & FIRE: CARBON

DIOXIDE/MONOXIDE, OXIDES OF NITROGEN, TRACES OF HCN AND HDI

Conditions to Avoid Polymerization: IF IN CONTACT WITH MOISTURE OR OTHER MATL WHICH REACTS WITH ISOCYANATES. MAY O

CCUR AT TEMP >400F/204C

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

Waste Disposal Methods: DISPOSE IN ACCORDANCE W/FEDERAL, STATE, AND LOCAL REGULATIONS. INCINERATION IS PREFERRED. EMPTY CON-TAINER MUST BE HANDLED W/CARE DUE TO PROD. RESIDUE& FLAM. VAPOR. DO NOT HEAT OR CUT ON OR NEAR EMPTY CONTAINERS W/ELEC. OR GAS TOUCH.

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