

NILES CHEMICAL PAINT CO -- 2438A WHITE: COMP A -- 8010-01-302-3606

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Product Identification  
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Product ID:2438A WHITE: COMP A  
MSDS Date:12/20/1994  
FSC:8010  
NIIN:01-302-3606  
Kit Part:Y  
MSDS Number: BWSZC  
=== 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:219-2  
36-5856  
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:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 51%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:BUTYL ALCOHOL (SARA 313) (CERCLA) (VAPOR PRESSURE 4.4 MM HG

@ 20C)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 27%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:50 PPM  
ACGIH TLV:50 PPM (SKIN)  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:POLYAMIDE/EPOXY ADDUCT  
Fraction by Wt: 18%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMIDOAMINE RESIN  
CAS:68443-08-3  
Fraction by Wt: 1%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:XYLENE (SARA 313) (CERCLA) (VAPOR PRESSURE 7.0 MM HG @  
20C)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 1%  
Other REC L  
imits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM;STEL 150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PROPRIETARY INGREDIENTS (MFR STATES UNIDENTIFIED  
INGREDIENTS NOT CONSIDERED HAZARDOUS UNDER FEDERAL HAZARD COMM  
REGS)  
Fraction by Wt: BALANCE  
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC: 3.52 LBS/GAL  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Ski

n:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: SEVERE IRRITATION, TEARING, REDNESS, BLURRED VISION. SKIN: HARMFUL IF ABSORBED. INHALATION: NASAL & RESP IRRITATION, CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION) NAUSEA, H EADACHE, VERTIGO, UNCONSCIOUSNESS, ASPHYXIATION. INGESTION: GI IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA.

Effects of Overexposure:CHRONIC: LIVER, KIDNEYS, NS, RESPIRATORY TRACT,

DUST MAY CAUSE PNUEMOCONIOSIS, LEURAL THICKENING, CORNEAL INFLAMMATION, PHOTOPHOBIA, INCOHERENCE, CORNEAL VACUOLIZATION, ANOREXIA.

Medical Cond Aggravated by Exposure:NONE KNOWN

TARGET

ORGANS: LIVER, KIDNEYS, NS, LUNG, SKIN, EYES, RESPIRATORY SYSTEM, CNS, GI TRACT, BLOOD, KIDNEYS.

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

First Aid:INHAL: MOVE TO FRESH AIR IMMED. IF BREATH STOPPED,GIVE ARTIF RESPIRATION. GE

T MED AID ASAP. SKIN: IMMED FLUSH W/PLENTY H2O. IF

MAT'L PENETRATES CLOTH,IMMED REMOVE CONTAM CLOTH & FLUSH SKIN W/WATER. GE T MED AID. EYE: IMMED FLUSH W/WATER AT LEAST 15 MIN,LIFTING EYELIDS. GET MED AID IMMED. INGESTION: DRINK 1-2 GLASS WATER. DO NOT INDUCE VOMITING. SEE DR/POISON CONTROL CTR IMMED. TREAT SYMPTOMATICALLY

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

Flash Point Method:TCC

Flash Point:79.0F,26.1C

Lower Limits:1.0

Upper Limits:11.0

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xtinguishing Media:DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE (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 HEAT/IGNIT.CLSD CNTNR EXPLODE W/HEAT.APPLIC TO HOT SRFCS REQ SPCL CAUTN.DECOMP PRODUCT-HEALTH HZD.

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

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Spill Release Procedures:ELIMINATE IGNITION SOURCE. MINIMIZE BREATHING/AVOID SKIN CONTACT. SMALL: ABSORB W/INERT MAT'L (CLAY,SOIL,COMMERCIAL ABSORBENT). SHOVEL RECLAIMED LIQ & ABSORBENT INTO RECOVERY OR SALVAGE DRUMS. LRG: DI KE. RECLAIM INTO RECOVERY/SALVAGE DRUMS/TANK TRUCK

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===== 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 MAY BE HAZARDOUS WHEN EMPTY. DO NOT WELD OR FLAME CUT ON EMPTY DRUMS. SHOCK FROM DROPPING MAY SPLIT CONTAINER.

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

Respiratory Protection:WEAR APPROPRIATE (TYPE TC-23C-75) FITTED HALF-MASK OR FULL FACEPIECE RESPIRATOR DURING & AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR LEVELS BELOW TLV/PEL. FOLLOW RESPIRATOR MANUFACTURER 'S DIRECTIONS FOR USE.

Ventilation:KEEP AIR

Spec Gravity:1.456

Viscosity:75 - 85 KU

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume:52.11

Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES  
WILL SOFTEN POLYETHYLENE, OLYPROPYLENE, VC CONTAINERS, OXIDIZERS.  
Stability Condition to Avoid:HIGH TEMPERATURES

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

Conditions to Avoid Polymerization:HIGH TEMPERATURES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. EPA HAZARDOUS WASTE CODE: D001 (IGNITABLE).

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