

NILES CHEMICAL PAINT CO. -- N-1981A WHITE H.S. EPOXY PRIMER -- 8010-01-309-0329

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Product Identification  
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Product ID:N-1981A WHITE H.S. EPOXY PRIMER

MSDS Date:07/24/1995

FSC:8010

NIIN:01-309-0329

Kit Part:Y

MSDS Number: CGFFH

=== 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

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:EPOXY RESIN

CAS:25036-25-3

Fraction by Wt: 28.0%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:5 MG/M3

Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA 31

3) (CERCLA)(VP =  
15.0 @ 20C)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 14.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:50 PPM/STEL 75

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BARIUM SULFATE

CAS:7727-43-7

RTECS #:CR0600000

Fraction by Wt: 12.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT EST.

ACGIH TLV:NOT EST.

Ingred Name:N-BUTYL ACETATE (CERCLA)(VP = 10.0 @ 20C)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 7.0%

Other REC Limits:NONE RECOMMENDED

OS

HA PEL:150 PPM

ACGIH TLV:150 PPM/STEL 200

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)(VP = 4.4 @ 20C)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 5.0%

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:ZINC PHOSPHATE

CAS:7779-90-0

RTECS #:TD0590000

Fraction by Wt: 4.0%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPRIETARY INGREDIENTS (NON HAZ.)

Fraction by Wt: BALAN

CE  
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC = 3.33 LBS/GL  
RTECS #:9999999VO  
Fraction by Wt: NA  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NA  
ACGIH TLV:NA

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES: SEVERE  
IRRIT/LACRIMATION/REDNESS/BLURRED VISION. SKIN:  
REDNESS/IRRIT/DEFATTING LEADING TO DERMATITIS.  
BREATHING:  
NASAL/RESP IRRIT/CNS DEPRESSION/ASPHYXIATION. INGESTION:  
GASTROINTESTINAL IRRITATION. CHRONIC: CORNEAL INFLAMMATION,  
FOTOFOBIA, INCOHERANCE, CORNEAL VACUOLIZATION, ANOREXIA, NARCOSIS,  
COMA.  
Explanation of Carcinogenicity:NOT LISTED BY NTP, IARC OR OSHA.  
Effects of Overexposure:BREATHING: DIZZINESS, DROWSINESS, WEAKNESS,  
FATIGUE, CONFUSION, NAUSEA, HEADACHE, VERTIGO, POSSIBLE  
UNCONSCIOUSNESS. INGESTION: ABDOMINAL PAIN, NAUSEA, VOMITING,  
DIARRHEA.  
Medical Co  
nd Aggravated by Exposure:NK. TARGET ORGANS: SKIN, EYES,  
RESPIRATORY SYSTEM, CNS, GI TRACT, BLOOD, LIVER, KIDNEYS.

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

First Aid:INHAL: GET FRESH AIR. IF BREATHING STOPPED, START ARTIF RESP.  
GET MED AID. SKIN: IMMEDIATELY FLUSH W/WATER. IF MAT'L PENETRATES  
CLOTHING, REMOVE CONTAM CLOTHING, FLUSH SKIN W/WATER. GET MED AID.  
EYES: IMMED FLUSH W/LRG AMT WATER 15 MIN, LIFTING EYELIDS. GET MED  
AID IMMED. INGESTION:  
DRINK 1-2 GLASSES WATER. DON'T INDUCE  
VOMITING. CONSULT PHYSICIAN/POISON CONTROL CENTER IMMED. TREAT  
SYMPTOMATICALLY

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

Flash Point Method:TCC  
Flash Point:72.0F,22.2C  
Lower Limits:1.4  
Upper Limits:500%  
Extinguishing Media:DRY CHEMICAL, FOAM, CO2.  
Fire Fighting Procedures:WEAR POS PRESS SCBA W/FULL FACEPIECE & FULL  
PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO  
PREVENT PRESS BLD UP & AUTOIGNI

T/EXPLOS.

Unusual Fire/Explosion Hazard:VAPOR HEAVIER THAN AIR, TRAVEL TO IGNIT SOURCE. ISOLATE FROM IGNIT SOURCE. CLSD CNTNR EXPLODE W/HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.\*

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

Spill Release Procedures:NO IGNIT SOURCES. MINIMIZE BREATHING VAPORS. AVOID SKIN CONTACT. SM: ABSORB W/INERT MAT'L (CLAY, SOIL, COMMERC ABSORB) SHOVEL RECLAIMED LIQ & ABSORB INTO RECOVERY/SALVAGE DRUMS. LG: DI KE (NO FURTHER MOVEMENT) & RECLAIM INTO SALVAGE DRUMS/TANK TRUCK.

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

Handling and Storage Precautions:AVOID STORAGE IN HIGH TEMP AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS TIGHTLY 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. DO NOT WEAR CONTACT LENSES WHEN WORKING W/THIS MATERIAL.

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

Respiratory Protection:WEAR APPROP (TC-23C-75) FITTED HALF-MASK FOR FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING/AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS BELOW TLV. FOLLOW RESPIRATOR MFR DIRECTIONS FOR USE.

Ventilation:PROVIDE SUFFICIENT VENTILATION (VOLUME/PATTERN) TO KEEP AIR CONC BELOW TLV PEL. REMOVE DECOMP PROD. VENT VAPOR EMITTED.

Protective Gloves:CHEM RESISTANT, NITRILE OR VITON

Eye Protection:CHEM GOGGLES/SAFETY GLASSES/FACE SHIELDS

Work Hygienic Practices:WASH ANY CONTAM CLOTHING OR CLOTH THAT BECOMES WET BEFORE REUSE. WASH HANDS BEFORE EATING, SMOKING OR USING RESTROOM.

Supplemental Safety and Health

NK

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

Boiling Pt:B.P. Text:242 TO 289F

Vapor Density:>AIR

Spec Gravity:1.456

pH:NA

Viscosity:70-85 KU

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and

Odor:LIQUID, SOLVENT ODOR  
Percent Volatiles by Volume:48.52  
Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS.  
Stability Condition to Avoid:NK \*OVEREXPOS TO DECOMP PROD MAY CAUSE  
HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMED APPARENT. GET MED AID.  
Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE &/OR  
CARBON DIOXIDE.  
Conditions to Avoid Polymerization:H  
IGH TEMPERATURES

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE W/FEDERAL, STATE, LOCAL  
REGULATIONS. EPA HAZ WASTE CODE: D001 (IGNITABLE).

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