

NILES CHEMICAL PAINT CO -- N-1088A WHITE EPOXY PRIMER -- 8010-01-193-0517

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

Product ID:N-1088A WHITE EPOXY PRIMER

MSDS Date:10/21/1994

FSC:8010

NIIN:01-193-0517

Kit Part:Y

MSDS Number: BWRDT

=== 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:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 22%

Other REC Limits:NONE RECOMMENDED

Ingred Name:EPOXY RESIN

CAS:15336-82-0

RTECS #:MT9191000

Fract

ion by Wt: 22%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BUTYL ACETATE (CERCLA) (VAPOR PRESSURE 10 MM HG)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 21%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM;STEL 200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BUTYL ALCOHOL (SARA 313) (CERCLA) (VAPOR PRESSURE 4.4 MM HG @ 20C)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 8%

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:XYLENE (SARA 313) (CERCLA) (VAPOR PRESSURE 7.0 MM HG @ 20C)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 7%

Other REC Limits: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:ZINC PHOSPHATE (SARA III)

CAS:7779-90-0

RTECS #:TD0590000

Fraction by Wt: 4%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPRIETARY INGREDIENTS (MFR STATES UNIDENTIFIED  
INGREDIENTS NOT CONSIDERED

HAZARDOUS UNDER FED HAZARD COMM REGS)

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC: 4.24 LBS/GAL

RTECS #:9999999VO

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION, LACRIMATION,  
REDNESS, BLURRED VISION. SKIN: HARMFUL IF ABSORBED THROUGH SKIN.

CAN BE ABSORBED IN TOXIC AMOUNTS ESPECIALLY FROM PROLONGED OR  
REPEATED EXPOSURES. INHAL: NASAL & RESPIRATORY IRRITATION, CNS  
DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION)  
NAUSEA, HEADACHE, VERTIGO,\*

Effects of Overexposure:\* UNCONSCIOUSNESS, ASPHYXIATION. INGESTION:  
GASTROINTESTINAL, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA.

CHRONIC EFFECTS: CORNEAL INFLAMMATION. PHOTOPHOBIA.

INCOHERENCE. CORNEAL VACUOLI ZATION, ANOREXIA. TARGET ORGANS:

EYES, SKIN, RESP SYSTEM, CNS, GI TRACT, BLOOD, LIVER, KIDNEYS.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHAL:MOVE TO FRESH AIR IMMED.IF BREATH STOPPED,GIVE ARTIF  
RESP.GET MED AID ASAP.SKIN:IMMED FLUSH W/PLENTY OF H2O.IF MAT'L  
PENETRATES CLOTH,IMMED REMOVE CONTAM CLOTHES.FLUSH W/H2O.GET MED  
AID.WASH CLO THES & DECONTAM SHOES BEFORE REUSE.EYE:IMMED FLUSH  
W/H2O 15 MIN,LIFT EYELID.GET MED AID I

MMED.DON'T WEAR

CONTACTS.INGEST:DRINK 1-2 GLASSES H2O.DON'T VOMIT.SEE DR/POISON  
CNTRL CTR IMMED.TREAT SYMPTOMS.

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

Flash Point Method:TCC

Flash Point:72.0F,22.2C

Lower Limits:1.0

Upper Limits:11.0

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 >AIR,TRAVEL ON GRND TO IGNIT.KEEP FROM HEAT/IGNIT.CLSD CNTNR MAY EXPLODE W/HEAT.APPLIC TO HOT SRFC REQ SPCL CAUTION.DECOMP PRODCT-HLTH HZD

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

Spill Release Procedures:SMALL:ELIMINATE IGNIT SOURCE.MINIMIZE BREATHING VAPOR.AVOID SKIN CONTACT.ABSORB W/INERT MAT'L(CLAY,SOIL,COMMRCL ABSORB).SHOVEL RECLAIMD LIQ & ABSORB INTO RECOVERY/SALVAGE DRUM. LRG:ELIM IGNIT.MINIMIZE BREATHING VAPOR.DIKE.RECLAIM INTO DRUMS/TANK TRCK

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

Handling and Storage Precautions:AVOID STORAGE IN HIGH TEMP 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.

===== Exposure Contr  
ols/Personal Protection =====

Respiratory Protection:WEAR FITTED 1/2 MASK (TC-23C-75) OR FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING & AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATO R MANUFACTURER'S DIRECTIONS FOR USE.

Ventilation:KEEP AIR CONCEN AIR

Spec Gravity:1.341

Viscosity:63-67 KU

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SO

LVENTS

Percent Volatiles by Volume:59.40

Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES  
NITRATES, STRONG OXIDIZERS, ALKALIES, 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 Method

s:DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL,  
STATE, AND FEDERAL REGULATIONS. EPA HAZARDOUS WASTE CODE: D001,  
IGNITABLE.

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 c  
ompetent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.