

NILES CHEMICAL PAINT -- N-6270A 2K WHITE EPOXY; T-IV -- 8010-01-380-2343

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

Product ID:N-6270A 2K WHITE EPOXY; T-IV

MSDS Date:12/17/1998

FSC:8010

NIIN:01-380-2343

Status Code:A

MSDS Number: CLHVH

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT

Address:225 FORT STREET

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3377/219-236-585

6

Emergency Phone Num:219-236-5856

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

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:FORMULATED AMINE

= Wt:26.

Ingred Name:BUTYL ALCOHOL

CAS:71-36-3

RTECS #:EO1400000

= Wt:29.

OSHA PEL:300 MG/M3;100 PPM

ACGIH

STEL:C152 MG/M3;C50 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:AMIDOAMINE RESIN

= Wt:3.

Ingred Name:XYLENE

CAS:1330-20-7

RTECS #:ZE2100000

= Wt:1.

ACGIH TLV:434 MG/M3;100 PPM

ACGIH STEL:651 MG/M3;150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:PROPRIETARY INGREDIENTS

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

LD50 LC50 Mixture:NONE

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

Health Hazards Acute and Chronic:NONE

Explanatio

n of Carcinogenicity:NONE

Effects of Overexposure: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. BREATHING: NASAL AND RESPIRATORY IRRITATION, CNS DEPREESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION) NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION. SWALLOWING: GASTROINTESTINAL I RRRITATION, ABDOMINAL

PAIN, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE

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

First Aid:INHALATION: MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. SKIN CONTACT: FLUSH SKIN WITH PLENTY OF WATER. EYE C ONTACT: FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL

ATTENTION IMMEDIATELY. SWALLOWING: DRINK 1 OR 2 GLASSES OF WATER.
DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:=38.3C, 101.F

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:1.0

Upper Limits:15.0

Extinguishing Media:DRY CHEMICAL, FOAM, CO2.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS WITH A
FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE AND FULL

L

PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO
PREVENT PRESSURE BUILD UP AND POSSIBLE AUTO IGNITION OR EXPLOSION
WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. VAPORS
ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO AN IGNITION
SOURCE. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN
FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE
BREATHING OF VAPORS AND AVOID SKIN CONTACT. ABSORB WITH AN INERT
MATERIAL SUCH AS CLAY, SOIL, OR A COMMERCIALY AVAILABLE ABSORBENT.
SHOVEL RECLAIMED LIQUID AND ABSORBENT INTO RECOVERY OR SALVAGE
DRUMS FOR DISPOSAL.

Neutralizing Agent:NONE

=====
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.

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

Respiratory Protection:WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY
FITTED HALF-MASK OR FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING
AND AFTER APPLICATION

UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.

Ventilation:SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE.

Protective Gloves:WEAR CHEMICAL RESISTANT (NITRILE OR VITON) GLOVES AND CLOTHING AS NEEDED.

Eye Protection:WEAR CHEMICAL GOGGLES, SAFETY GLASSES, OR FACE SHIELDS.

Other Protective Equipm

ent:EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN

BECOMES CONTAMINATED. REMOVE ANY CLOTHING THAT BECOMES WET.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM.

Supplemental Safety and Health

NONE

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

Boiling Pt:=185.C, 365.F

Melt/Freeze Pt:M.P/F.P Text:NONE

Decomp Temp:Decomp Text:NONE

Vapor Density:HEAVIER

Spec Gravity:1.413

VOC Grams/Liter:2.75

Viscosity:70-81

Evaporation Rate & Reference:SLOW

ER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SOLVENTS.

Percent Volatiles by Volume:40.58

Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, STRONG OXIDIZERS AND ACIDS, WILL SOFTEN POLYETHYLENE, POLYPROPYLENE, PVC CONTAINERS, NONE KNOWN, STRONG OXIDIZERS.

Stability Condition to Avoid:HIGH TEMPERATURES.

Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE AND/

OR

CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL,
STATE, AND FEDERAL REGULATIONS.

===== Regulatory Information =====

SARA Title III Information:NONE

Federal Regulatory Information:THIS PRODUCT DOES NOT CONTAIN
INGREDIENTS LISTED IN APPENDIX A AND B AS AN EXTREMELY HAZARDOUS
SUBSTANCE. M

.S.D.S. REQUIREMENTS: OUR HAZARD EVALUATION HAS FOUND
THIS PRODUCT TO BE HAZARDOUS. THE PRODU CT SHOULD BE REPORTED UNDER
THE FOLLOWING EPA HAZARD CATEGORIES.

State Regulatory 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.