

NILES CHEMICAL PAINT CO -- N-1981B EPOXY HARDENER -- 8010-01-309-0329

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

Product ID:N-1981B EPOXY HARDENER

MSDS Date:01/19/1995

FSC:8010

NIIN:01-309-0329

Kit Part:Y

MSDS Number: BWQDH

=== 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

=====
Composition/Information on Ingredients
=====

Ingred Name:METHYL ISOBUTYL KETONE (SARA 313) (CERCLA) (VAPOR PRESSURE
15 MM HG @ 20C)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 28%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1

00 PPM
ACGIH TLV:50 PPM; STEL 75 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:EPOXY RESIN
Fraction by Wt: 23%
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: 17%
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:PM GLYCOL ETHER (VAPOR PRESSURE 12.5 MM HG @ 25C)
Fraction by Wt: 11%
Other REC
Limits:NONE RECOMMENDED
ACGIH TLV:100 PPM;STEL 150 PPM

Ingred Name:XYLENE (SARA 313) (CERCLA) (VAPOR PRESSURE 7.0 MM HG @ 20C)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 11%
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:DIETHYLENE TRIAMINE (VAPOR PRESSURE 1.0 MM HG @ 20C)
CAS:111-40-0
RTECS #:IE1225000
Fraction by Wt: 8%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:1.0 PPM

Ingred Name:PROPRIETARY IN

INGREDIENTS (MFR STATES UNIDENTIFIED)

INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER FED HZD COMM REGS)

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

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

Flash Point Method:TCC

Flash Point:73.0F,22.8C

Lower Limits:1.0

Upper Limits:11.0

Extinguishing Media:DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE IN POSITIVE
PRESSURE MODE & PROTECT CLOTHING. USE WATER TO COOL CLOSED
CONTAINER

S TO PREVENT PRESSURE BLDUP, AUTOIGNITION, EXPLOSION.

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.

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

Supplemental Safety and Health

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

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

Vapor Density:> AIR

Spec Gravity:0.904

VOC

Grams/Liter:5.17

Viscosity:E

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume:74.72

Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:HIGH TEMPERATURES

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.