

NILES CHEMICAL PAINT CO -- N-1088B 4:1 BLEND -- 8010-01-187-9820

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Product Identification
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Product ID:N-1088B 4:1 BLEND

MSDS Date:01/19/1995

FSC:8010

NIIN:01-187-9820

Kit Part:Y

MSDS Number: BWRDS

=== 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:219-236-5

856

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: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:100 PPM

ACG

IH 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:NO
NE 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 INGREDIENTS

(MFR STATES UNIDENTIFIED

INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER FED HZD COMM REGS)

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

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===== 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, TEARING,
REDNESS, BLURRED VISION. SKIN:HARMFUL IF ABSORBED THROUGH SKIN. CAN
BE ABSORBED IN TOXIC AMO

UNTS ESPECIALLY FROM PROLONGED OR REPEATED

EXPOSURES. INHAL:NASAL & RESPIRATORY IRRITATION,CNS DEPRESSION
(DIZZY,DRWSY,WEAK,FATIGUE,CONFUSION)

NAUSEA,HEADACHE,VERTIGO,UNCONSCIOUS,ASPHYXIATION. *

Effects of Overexposure:* INGESTION: GASTROINTESTINAL IRRITATION,
ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA. CHRONIC

EFFECTS OF OVEREXPOSURE: CORNEAL INFLAMMATION, PHOTOPHOBIA,
INCOHERENCE, CORNEAL VACUOLIZATION, ANOREXIA, NARCOSIS, COMA.

TARGET ORGANS: SKIN, EYES,

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

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHAL:MOVE VICTIM TO FRESH AIR IMMEDIATELY IF BREATHING

STOPPED,GIVE ARTIF RESP.GET MED AID ASAP. SKIN:IMMEDIATELY FLUSH W/PLENTY
H2O.IF PENETRATES CLOTH,IMMEDIATELY REMOVE CONTAM CLOTH.FLUSH W/H2O.GET
MED AID.WASH CLOTH & DECONTAM SHOES BEFORE REUSE. EYE:IMMEDIATELY FLUSH
W/H2O 15 MIN,LIFT EYELIDS.GET MED AID IMMEDIATELY.WEAR

CONTACT

LENSES.INGEST:DRINK 1-2 GLASSES H2O.DON'T INDUCE VOMIT.SEE
DR/POISON CTR IMMEDIATELY.TREAT SYMPTOMS

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===== 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
CONTAINERS 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.

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

Spill Release Procedures:ELIM IGNIT SOURCE.MINIMIZE BREATHING VAPOR.AVOID SKIN CONTACT. SMALL:ABSORB W/INERT MAT'L(CLAY,SOIL,COMMERCL ABSORB).SHOVEL RECLAIMD LIQ & ABSORBNT INTO RECOVERY/SALVAGE DRUM.LRG:DIKE(PREVENT MOVEMENT).RECLAIM INTO RECOVERY/SALVAGE DRUM OR TANK TRUCK

===== 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 CONTAINERS.

===== Exposure Controls/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 RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.

Ventilation:KEEP AIR CONCENTRATIONS LOW

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

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

Conditions to Avoid Polymerization:HIGH TEMPERATURES.

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

Waste Disposal Methods:DISPOSE OF

IN ACCORDANCE WITH APPLICABLE LOCAL,
STATE, AND FEDERAL REGULATIONS.

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