

NILES CHEMICAL PAINT CO -- N-1088B 4:1 BLEND -- 8010-01-193-0517

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

Product ID:N-1088B 4:1 BLEND

MSDS Date:01/19/1995

FSC:8010

NIIN:01-193-0517

Kit Part:Y

MSDS Number: BWRDV

=== 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

===== 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: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  
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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  
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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  
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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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