

XE-8402A 383 BROWN TYPE II

MSDS Number

BHNFV

National Stock Number

8010-01-160-6744

Product Name

XE-8402A 383 BROWN TYPE II

Manufacturer

NILES CHEMICAL PAINT COMPANY

Product Identification

Product ID: XE-8402A 383 BROWN TYPE II

MSDS Date: 10/11/1989

FSC: 8010

NIIN: 01-160-6744

Kit Part: Y

MSDS Number: BHNFV

Responsible Party

NILES CHEMICAL PAINT COMPANY

225 FORT STREET

NILES, MI 49120

US

Emergency Phone: 219-236-5856 (24 HOURS)

Info Phone: 616-683-3377 (INFORMATION)

Preparer: MIKE LICHATOWICH

Cage: 02388

Contractor

NILES CHEMICAL PAINT

307

NILES, MI 49120

US

616-683-3377/219-236-5856

Cage: 02388

Ingredients

POLYESTER RESIN

Fraction By Weight: 13%

METHYL ISOBUTYL KETONE (SARA III)

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight: 9%

OSHA PEL100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 9%

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 9%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PM ACETATE

CAS: 108-65-6

RTECS: AI8925000

Fraction By Weight: 6%

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 6%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CHROMIUM (III) OXIDE

CAS: 1308-38-9

RTECS: GB6475000

Fraction By Weight: 5%

OSHA PEL0.5 MG/M3 (CR)

ACGIH TLV: 0.5 MG/M3 (CR); 8990

VOC. ORGANIC CMPD 4.56 LB/GAL LESS WATER & NPRS* (NK) G/L

RTECS: 9999999VO

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HISTOLOGIC FIBROSIS OF LUNGS,
INCOHERENCE, CORNEAL VACUOLIZATION, ANOREXIA. TAR-GET ORGANS: CNS,
LUNGS, EYES, SKIN, RESPIRATORY SYS, GI TRACT, BLOOD, LIVER,
KIDNEYS.ALSO SEE BELOW
Explanation of Carcinogenicity:NOT LISTED
Effects of Overexposure:EYE: SEVERE IRRI, LACRIMATION, RED, BLURRED
VISION. SKIN: RED & IRRI, DEFATTING OF SKIN, DERMATITIS. BREATH:
NASAL & RESPIRATORY IRRI, CNS DEPRESS (DIZZ, DROWS,WEAK, FATIGUE,
CONF) NAUSEA, HEAD, VERTI GO, UNCONSC, ASPHYX. INGES:
GASTROINTESIRRI, ABDOMINAL PAIN, NAUSEA, VOMITING AND DIARRHEA

First Aid

First Aid:INHAL: REMOVE TO FRESH AIR AT ONCE. IF BREATH STOPPED, CPR,
GET MED ATTN IMMEDIATE. SKIN: IMMEDIATE FLUSH W/PLENTY OF WATER. REMOVE
CONTAMINATED CLOTHES & FLUSH SKIN W/WATER. GET MED ATTN. LAUNDRY CLOTHES &
SHOES BEFORE REUSE. EYE: IMMEDIATE FLUSH LG AMTS OF WATER 15 MIN, LIFTING
LIDS. GET MED ATTN IMMEDIATE. CONTACT LENS SHOULD NOT BE WORN.
INGESTION DRINK 1/2 GLASSES WATER. DO NOT INDUCE VOMIT. GET MED
ATTN/POISON CENTER IMMEDIATELY

Fire Fighting

Flash Point Method:TCC
Flash Point:20 F/-6 C
Lower Limits:1.0
Upper Limits:10
Extinguishing Media:DRY CHEMICAL, FOAM, CO2
Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS W/FULL
FACEPIECE OPERATED POSITIVE PRESSURE & FULL PROTECTIVE CLOTHES. WATER TO
COOL CLOSED CONTAINERS PREVENT PRESSURE BUILDUP/EXPLOSION
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. VAPORS HEAVIER
THAN AIR, MAY TRAVEL ALONG GROUND TO IGNITE SOURCE. ISOLATE FROM
HEAT, ETC. OVEREXPOSURE TO DECOMPOSITION MAY CAUSE HEALTH HAZARDS

Accidental Release

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. MINIMIZE BREATHING OF
VAPORS.AVOID SKIN CONTACT. ABSORB W/INERT MATERIAL; CLAY,SOIL, OR
COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID/ABSORBENT INTO
RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. LG: DIKE, RECLAIM IN
DRUM,TANK,TRUCK

Handling

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 OR CUT ON EMPTY DRUMS.

Exposure Controls

Respiratory Protection:APPROPRIATE PROPERLY FITTED RESPIRATOR
(NIOSH/MSHA) DURING & AFTER APPLICATION UNLESS AIR MONITOR DEMONSTRATES
VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR
MANUFACTURER'S DIRECTIONS FOR USE
Ventilation:SUFFICIENT VENTILATION IN VOL/PATTERN TO KEEP AIR CONCENTRATION BELOW
CURRENT APPLICABLE OSHA PERMISSIBLE LIMIT. REMOVE DECOMPOSITION PRODUCTS
Protective Gloves:CHEMICAL RESISTANT GLOVES
Eye Protection:CHEMICAL GOGGLES/SAFETY GLASSES/FACE SHIELD
Other Protective Equipment:WEAR CHEMICAL RESISTANT CLOTHING AS NEEDED
TO PREVENT SKIN CONTACT. REMOVE CLOTHES THAT BECOME WET (FLAMMABLE
HAZARD)
Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING
RESTROOM. WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED.
Supplemental Safety and Health

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVEREXP TO DECOMP PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

Chemical Properties

Boiling Pt:B.P. Text:175-302 F
Decomp Temp:Decomp Text:NE
Vapor Density:> AIR
Viscosity:75-85 KU
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:SLIGHT
Appearance and Odor:LIQUID, ODOR OF SOLVENTS
Percent Volatiles by Volume:64.06

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDES
Stability Condition to Avoid:UNDER REASONABLE CONDITIONS OF STORAGE AND USE
Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE
Conditions to Avoid Polymerization:HIGH TEMPERATURES, SHOCK FROM DROPPING

Disposal

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

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