

## **N-1488 383 BROWN CAMO HS TYPE IV**

### **MSDS Number**

BHBSJ

### **National Stock Number**

8010-01-260-7482

### **Product Name**

N-1488 383 BROWN CAMO HS TYPE IV

### **Manufacturer**

NILES CHEMICAL PAINT COMPANY

### **Product Identification**

Product ID:N-1488 383 BROWN CAMO HS TYPE IV

MSDS Date:02/09/1989

FSC:8010

NIIN:01-260-7482

Kit Part:Y

MSDS Number: BHBSJ

### **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: 14%

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

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 10 - 20%

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: 7%

OSHA PELNE

ACGIH TLV: NE

METHYL PROPYL KETONE (2-PENTANONE)

CAS: 107-87-9

RTECS: SA7875000

Fraction By Weight: 5%

OSHA PEL200 PPM/250 STEL

ACGIH TLV: 200 PPM/250STEL;9192

METHYL ISOBUTYL KETONE (SARA III)

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight: 5 - 10%

OSHA PEL100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

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

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 2%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

VOC. ORGANIC CMPD 3.79 LB/GAL

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:NARCOSIS, COMA, INCOHERENCE, CORNEAL VACUOLIZATION, ANOREXIA. TARGET ORGANS: CNS, LUNGS, EYES, SKIN, RESPIRATORY SYSTEM, GI TRACT, BLOOD, LIVER, & KIDNEYS

Effects of Overexposure:EYE: SEVERE IRRIT., LACRIMATION, REDNESS, BLURRED VISION SKIN: REDNESS & IRRIT.,

DEFATTING OF SKIN LEADING TO DERMATITIS INHAL:  
NASAL/RESP. IRRIT., CNS DEPRSN.,N  
AUSEA,HDACHE,VERTIGO,UNCONSC.,ASPHYXATN.INGST: ABDOMINAL  
PAIN,NAUSEA,VOMITING,DIARRHEA,GASTROINTESTINAL IRRITATION  
Medical Cond Aggravated by Exposure:NONE

## First Aid

First Aid:EYE: IMMD. FLUSH W/LG AMNTS OF WTR FOR 15 MINS.,LIFTING  
EYELIDS,GET MED ATTN. SKIN: IMMD. FLUSH W/PLNTY OF WTR.,IMMD.  
REMOV CLTHNG W/WTR, GET MED. ATTN. INHAL: REMOVE TO FRESH  
AIR,GIVE ARTIFICI AL RESP. GET MEDICAL ATTENTION IMMED.INGST: DONOT  
INDUCE VOMITING,DRINK 1-2 GLS OF WTR. CONSULT A PHYSICIAN IMMED.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:20F/-6C  
Lower Limits:1.0  
Upper Limits:10  
Extinguishing Media:DRY CHEMICAL, FOAM, CO2  
Fire Fighting Procedures:WEAR SCBA W/FACEPIECE W/POSITIVE PRESS MODE &  
FULL PROTECTIVE CLTHNG. WTR MAYBE USED TO COOL CLSD CONTNR TO  
PREVNT PRESS BUILDUP & POSS. IGN./EXPLSN TO EXTM HT.  
Unusual Fire/Explosion Hazard:KEEP CONTNRS TIGHTLY CLSD. ISOLATE FROM  
HEAT,SPARKS,ELEC EQUIP,& OPEN FLAME. CLOSED CONTNR MAY EXPLD  
W/EXPSD TO EXTRM HT. VAPORS >AIR & MAY TRVL GRND IGN SOURCE

## Accidental Release

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. DIKE TO  
PREVNT FURTHER MOVEMENT & RECLAIM INTO RECOVERY OR SALV- AGE DRUMS  
OR TANK TRUCK FOR DISPOSAL. ABSORB WITH INERT MATL SUCH AS CLAY,  
SOIL, OR A COMMERCIALY A VAILABLE ABSORBENT. AVOID SKIN CONTACT &  
VAPORS

## Handling

Handling and Storage Precautions:AVOID STORAGE IN HIGH TEMP AREAS OR  
NEAR FIRE,OPENFLAME. KEEP CONTAINERS CLSD WHEN NOT IN USE.  
AVOIDROUGH HANDLING.  
Other Precautions:CONTNRS OF THE MATL MAY BE HAZ. WHEN EMPTY. DONOT  
WELD/FLAME CUT ON EMPTY DRUMS.CONTACT LENS SHOULD NOT BE WORN WHILE  
WORKING WITH THIS MATERIAL.

## Exposure Controls

Respiratory Protection:WEAR AN APPROPRIATE PROPERLY FITTED RESPIRATOR  
(NIOSH/MSHA) DURING & AFTER APPLICATION UNLESS AIR MONITORING  
DEMONSTRATES VAPOR/MIST LVLS ARE BELOW APPLICABLE LIMITS.  
Ventilation:SUFFICIENT VENTILATION IN VOLUME/PATTERN TO KEEP AIR  
CONCENTRATION BELOW PERMISSIBLE EXPOSURE LIMIT OR TLV LIMIT  
Protective Gloves:CHEMICAL RESISTANT GLOVES  
Eye Protection:CHEMICAL GOGGLES/GLASSES/FACESHIELD  
Other Protective Equipment:CLOTHING AS NEEDED TO PREVENT SKIN CONTACT.  
Work Hygienic Practices:WASH HANDS BEFORE EATING,SMOKING,OR USING  
RESTROOM. WASH CONTAMINATED CLOTHING & DECONTAM. SHOES BEFORE  
REUSE.  
Supplemental Safety and Health  
EMPOLYEEES SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED. REMOVE  
ANY CLOTHING THAT BECOMES WET (TO AVOID FLAMMABILITY HAZARD)  
& WASH BEFORE REUSE.

## Chemical Properties

Boiling Pt:B.P. Text:\*\*\*  
Vapor Density:> AIR  
Viscosity:80+-5 KU  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Solubility in Water:SLIGHT  
Appearance and Odor:LIQUID, ODOR OF SOLVENTS  
Percent Volatiles by Volume:53.61

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS

Stability Condition to Avoid: HIGH TEMPERATURES, SHOCK FROM DROPPING

Hazardous Decomposition Products: CARBON MONOXIDE/DIOXIDE

Conditions to Avoid Polymerization: \*\*\*BOIL PT: 175-302F/79-150C

## Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. SHOVEL RECLAIMED LIQUID AND ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL.

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