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

### **MSDS Number**

BHBFK

### **National Stock Number**

8010-01-260-0916

### **Product Name**

N-1488 383 BROWN CAMO HS TYPE IV

### **Manufacturer**

NILES CHEMICAL PAINT CO

### **Product Identification**

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

MSDS Date:12/09/1988

FSC:8010

NIIN:01-260-0916

MSDS Number: BHBFK

### **Responsible Party**

NILES CHEMICAL PAINT CO

225 FORT ST

NILES , MI 49120

US

Emergency Phone: 616-683-3377 OR 219-236-5856

Info Phone: 616-683-3377 OR 219-236-5856

Preparer: MIKE LICHATOWICH

Cage: 02388

### **Contractor**

NILES CHEMICAL PAINT

307

NILES, MI 49120

US

616-683-3377/219-236-5856

Cage: 02388

### **Ingredients**

3.79 LBS/GAL.

RTECS: 9999999VO

POLYESTER RESIN

Fraction By Weight: 15%

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

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 11%

OSHA PEL200 PPM/300 STEL



ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

1-METHOXY-2-PROPANOL ACETATE, PROPYLENEGLYCOL MONOMETHYL

CAS: 108-65-6

RTECS: AI8925000

Fraction By Weight: 8%

METHYL PROPYL KETONE (2-PENTANONE)

CAS: 107-87-9

RTECS: SA7875000

Fraction By Weight: 6%

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: 2%

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

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: GASTROINTESTINAL

IRRITATION/ABDOMINAL

PAIN/NAUSEA/VOMITING/DIARRHEA/NARCOSIS/COMA/INCOHERENCE/CORNEAL

VACUOLIZATION/ANOREXIA. INGESTION: NASAL/RESP IRRITATION/CNS

DEPRESSION/DIZZINESS/DROW

SINESS/CONFUSION/NAUSEA/HEADACHE/UNCONSCIOUSNESS/ASPHYXIATION.

SKIN/EYE: REDNESS/IRRITATION/DEFATTING/DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES/SKIN:

IRRITATION/LACRIMATION/REDNESS/BLURRED VISION/DEFATTING/DERMATITIS.



INGESTION: NASAL/RESP IRRITATION/CNS  
DEPRESSION/DIZZINESS/DROWSINESS/CONFUSION/NAUSEA/HEADACHE/UNCONSCIOUSNESS/ASPHYXIATION. INHALATION: GASTROINTESTINAL IRRITATION/ABDOMINAL PAIN/NAUSEA/VOMITING/DIARRHEA.  
Medical Cond Aggravated by Exposure:RESPIRATORY SYSTEM, EYES, SKIN, CNS  
DEPRESSION, LUNGS, GI TRACT, BLOOD, LIVER, KIDNEYS

## First Aid

First Aid:INHALATION: MOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MED ATT. SKIN: FLUSH W/PLENTY OF WATER. REMOVE/WASH CONTAMINATED CLOTHING & DECONTAMINATED SHOES BEFORE REUSE. EYE: FLUSH W/LARGE AMT OF WATER FOR AT LEAST 15 MINS, OCCASIONALLY LIFTING UPPER/LOWER LIDS. GET MED ATT. INGESTION: DRINK 1-2 GLASSES OF WATER. DON'T INDUCE VOMITING. CONSULT PHYSICIAN.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:20F  
Lower Limits:1.0%  
Upper Limits:10%  
Extinguishing Media:DRY CHEMICAL, FOAM, CO2  
Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE/FULL PROTECTIVE CLOTHING. VAPORS ARE >AIR/MAY TRAVEL ALONG THE GROUND TO AN IGNITION SOURCE.  
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP/POSSIBLE AUTOIGNITION/EXPLOSION/HEAT.

## Accidental Release

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS/AVOID SKIN CONTACT. ABSORB W/AN INERT MATERIAL SUCH AS CLAY, SOIL, OR A COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID & ABSORBENT INTO RECOVERY/SALVAGE DRUMS FOR DISPOSAL.

## Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY. DON'T WELD OR FLAME CUT ON EMPTY DRUMS.  
Other Precautions:AVOID STORAGE IN HIGH TEMPERATURE AREAS OR NEAR HEAT/OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID ROUGH HANDLING.

## Exposure Controls

Respiratory Protection:WEAR AN APPROPRIATE PROPERLY FITTED RESPIRATOR (NIOSH/MSHA) DURING/AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP Protective Gloves:RESISTANT  
Eye Protection:GOGGLES, SAFETY GLASSES, FACE SHIELDS  
Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM. REMOVE CONTAMINATED CLOTHING/WASH BEFORE REUSE.  
Supplemental Safety and Health  
WT PER GAL: 12.17

## Chemical Properties

HCC:F2  
Boiling Pt:B.P. Text:175-302F  
Vapor Density:>AIR  
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.  
Stability Condition to Avoid:ISOLATE FROM HEAT, SPARKS, OPEN FLAME & HOT SURFACES.



Hazardous Decomposition Products:CO, CO2  
Conditions to Avoid Polymerization:HIGH TEMPS, SHOCK FROM DROPPING.

## **Disposal**

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

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