

NILES CHEMICAL PAINT COMPANY -- N-2000A BLACK CAMO HS TYPE IV -- 8010-01-260-0913

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

Product ID:N-2000A BLACK CAMO HS TYPE IV

MSDS Date:08/08/1989

FSC:8010

NIIN:01-260-0913

Kit Part:Y

MSDS Number: BHBFH

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT COMPANY

Address:225 FORT STREET

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3

377 (INFORMATION)

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

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:POLYESTER RESIN

Fraction by Wt: 14%

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL64750

00

Fraction by Wt: 10%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BARIUM SULFATE

CAS:7727-43-7

RTECS #:CR0600000

Fraction by Wt: 9%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:PM ACETATE

(VAPOR PRESSURE 3.7 MM @ 20C)

CAS:108-65-6

RTECS #:AI8925000

Fraction by Wt: 7%

Ingred Name:METHYL PROPYL KETONE (2-PENTANONE)

CAS:107-87-9

RTECS #:SA7875000

Fraction by Wt: 5%

OSHA PEL:200 PPM/250 STEL

ACGIH TLV:200 PPM/250STEL;9192

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 5%

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 2%

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:VOC. ORGANIC CMPD 3.83 LB/GAL LESS WATER & NPRS\* 480 G/L

LESS WATER VOC.10.59 LB/GAL SOLIDS 1236 G/L SOLIDS CALCU  
RTECS #:9999999VO

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:SEVERE IRRITATION,REDNESS,BLURRED  
VISION.SKIN:DEFATTING OF THE SKIN LEADINGTO DERMITIS.INHALE:CNS  
DEPRESSION,UNCONSCIOUSNESS,EVEN ASPHYXIATION.INGESTION:  
GASTROINTESTINAL IRRITAION, ABDOMI  
NAL PA IN, NAUSEA, AND VOMITING.  
CHRONIC:NARCOSIS, COMA, INCOHERENCE, CORNEAL VACUOLIZATION,  
ANOREXIA.  
Effects of Overexposure:DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE,  
CONFUSION. TARGET ORGANS:RESPIRATORY  
SYSTEM, EYES, SKIN, CNS,LUNGS GI TRACT, BLOOD,LIVER, KIDNEYS.

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

First Aid:INHALE:MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS  
STOPPED GIVE CPR.SKIN:IMMED FLUSH W/WATER.REMOVE CONTAMINATED  
C  
LOTHING AND FLUSH THE SKIN W/ WATER. EYE: FLUSH WITH WATER FOR  
15 MIN. LIFTIN G EYEIDS OCCASIONALLY. CONTACTS SHOULDNOT BE WORN  
WHILE WORKING WITH THIS MATERIAL. INGEST: DO NOT INDUCE VOMITING  
DRINK 1 OR 2 GLASSES OF WATER. CALL A DR. IN ALL THE ABOVE CASES.

===== Fire Fighting Measures =====

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 SCB  
A AND FULL PROT CLOTHING. WATER MAY BE  
USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP AND  
POSSIBLE AUTO IGNITION OR EXPLOSION.  
Unusual Fire/Explosion Hazard:KEEP CONT TIGHTLY CLOSED. VAPORS CAN  
TRAVEL ALONG THE GROUND TO IGNITION SOURCE.CONTAINERS MAY EXPLODE  
WHEN EXPOSED TO EXTREME HEAT & MAY CAUSE HEALTH HAZARDS.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. MINIMIZE  
BREATHINGOF

VAPORS AND AVOID SKIN CONTACT. ABSORB WITH AN INERT MATERIAL.SHOVEL RECLAIMED LIQUID AND ABSORB-ENT INTO RECOVERY OR SALVAGE DRUM FOR DISPOSAL. DIKE TO PREVENT FURTHER MOVEMENT.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID STORAGE IN HIGH TEMPERATURES OR AREAS NEAR FIRE OR OPEN FLAME.KEEP CONTAINERS CLOSED WHEN NOTIN USE. AVOID ROUGH HANDLING.

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY. DO NOT WELD OR FLAME ORCUT ON EMPTY DRUMS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR AN APPROIATE PROPERLY FITTED RESPIRATOR(NIOSH/MSHA) DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.

Ventilation:SUFFICIENT VENTILATION SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW THE APPLICABLE OSHA AND TL V LIMITS.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:CHEMICAL GOGGLES, SAFTEY GLASSES

Other Protective Equipment:AS NEEDED TO PREVENT SKIN CONTACT

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM.

Supplemental Safety and Health

NK

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:175-302F

Decomp Temp:Decomp Text:NE

Vapor Density:>AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLI

GHT

Appearance and Odor:LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume:54.51

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS

Stability Condition to Avoid:HIGH TEMPERATURES, SHOCK FROM DROPPING.

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

Conditions to Avoid Polymerization:HIGH TEMPERATURES,SHOCK FROM DROPPING.

===== Dis

posal Considerations =====

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

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