

NILES CHEMICAL PAINT COMPANY -- N 1207A EARTH YELLOW CAMO TYPE IV -- 8010-01-131-0612

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

Product ID:N 1207A EARTH YELLOW CAMO TYPE IV

MSDS Date:10/11/1989

FSC:8010

NIIN:01-131-0612

Kit Part:Y

MSDS Number: BHNDR

=== 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:6

16-683-3377 (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:PM ACETATE

(VAPOR PRESSURE 3.7 MM @ 20C)

CAS:108-65-6

RTECS #:AI8925000

Fraction by Wt: 17%

OSHA PEL:N

E
ACGIH TLV:NE

Ingred Name:POLYESTER RESIN
Fraction by Wt: 16%

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 9%
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 7%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENES (O-,M-,P- ISO
MERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 3%
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CHROMIUM (III) OXIDE
CAS:1308-38-9
RTECS #:GB6475000
Fraction by Wt: 1%
OSHA PEL:0.5 MG/M3 (CR)
ACGIH TLV:0.5 MG/M3 (CR); 8990

Ingred Name:VOC. ORGANIC CMPD 4.33 LB/GAL
RTECS #:9999999VO

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

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

rts of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HISTOLOGIC FIBROSIS OF LUNGS,
INCOHERENCE, CORNEAL VACUOLIZATION, ANOREXIA. TARGET ORGANS:
CNS,LUNGS,EYES,SKIN,RESPIRATORY SYSTEM,GI TRACT,BLOOD,LIVER, AND
KIDNEYS. IF INHAL. CAN CAUSE NASAL/RESPI RATORY IRRITATION, CNS
DEPRESS,DIZZINESSDROWSINESS,WEAKNESS, FATIGUE, CONFUSION, POSS.
UNCONSCIOUSNESS,OR ASPHYXIATION
Effects of Overexposure:EYE: SEVERE IRRITATION, LACRIMATION, REDNESS,
BLUR
RED VISION SKIN: REDNESS, IRRITATION,
DEFATTING OF SKIN LEADING TO DERMATITIS. INHL: NAUSEA,
HEADACHE, VERTIGOINGST: GA STROINTESTINAL IRRITATION,ABDOMINAL
PAIN,NAUSEA,VOMITING,DIARRHEA
Medical Cond Aggravated by Exposure:NONE

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

First Aid:EYE: IMMED. FLUSH W/LG AMNTS OF WTR FOR 15 MINS. LIFTING
EYELIDS,GET MED ATTN SKIN: IMMED FLSH W/WTR,IMMED REMOVE CONTAM.
CLOTHING, GET MEDICAL ATTN IMMED. INHL:
REMOVE TO FRESH AIR,GIVE
ARTIFICIA L RESP. IF NEEDED,GET MEDICAL ATTENTIONINGST: DRINK 1-2
GLS OF WTR. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN IMMED.

===== 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 SCBA W/FULL FACEPIECE OPERATED W/POSTV
PRESS MODE & FULL PROTECTIVE CLTHNG.WATER MAY BE USED TO COOL CLSD
C
ONTNR TO PREVNT PRESS BUILDUP/IGN. OR EXPLSN
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. CLSD
CONTNR MAY EXPLD W/EXPSD TO EXTRM HEAT. VAPORS ARE >AIR & MAY
TRVL ON GRND TO AN IGN SOURCE. ISOLATE FROM HT,ELEC,FLAME.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. ABSORB W/INERT
MATL SUCH AS CLAY,SOIL,OR COMMERCIALY AVAIL ABSRBSHOVEL
RECLAIMED LIQUID & ABSORBENT INTO RECOVERY OR

SALVAGE DRUMS FOR DISPOSAL.

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

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. CONTNRS MAYBE HAZARD. W/EMPTY

Other Precautions: DO NOT WELD OR FLAME CUT ON EMPTY DRUMS. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL. IF MATL PENETRATES THE CLOTHING, IMMEDIATELY REMOVE THE CONTAMINATED CLOTHING.

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

Respiratory Protection: WEAR APPROPRIATE PROPERLY FITTED RESPIRATOR DURING & AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LVLS ARE BELOW APPLICABLE LIMITS.

Ventilation: SUFFICIENT VENTL IN VOLUME & PATTERN SHOULD BE PROVIDED TO KKEEP THE AIR CONCENTRATION BELOW CURRENT TLV LIMIT.

Protective Gloves: CHEMICAL RESISTANT GLOVES

Eye Protection: CHEM GOGGLES/SAFETY GLASSES/FACESHIELDS

Other Pro

ective Equipment: CLOTHING AS NEEDED TO PREVENT SKIN CONTACT.

Work Hygienic Practices: WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOMS. WASH CLOTHING AND SHOES BEFORE REUSE.

Supplemental Safety and Health

EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED. REMOVE ANY CLOTH-ING THAT BECOMES WET (TO AVOID FLAMMABILITY HAZARD).

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

Boiling Pt: B.P. Text: ***

Vapor Density: > AIR

Viscosity: 70-85 KU

Evaporation Ra

te & Reference: SLOWER THAN ETHER

Solubility in Water: SLIGHT

Appearance and Odor: LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume: 57.72

===== 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/DIOXIDE

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

===== Disposal Considerations =====

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

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