

NILES CHEMICAL PAINT COMPANY -- N 1207A EARTH YELLOW CAMO TYPE IV -- 8010-01-130-3346

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

Product ID:N 1207A EARTH YELLOW CAMO TYPE IV

MSDS Date:10/11/1989

FSC:8010

NIIN:01-130-3346

Kit Part:Y

MSDS Number: BHNDN

=== 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

(VP 3.7 MM HG @ 20C)

CAS:108-65-6

RTECS #:AI8925000

Fraction by Wt: 17%

Ingred Name:POLYES

TER 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- ISOMERS) (SARA III)

CAS:1330-20-7

RTE

CS #: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 LESS WATER & NPRS* (NK) G/L

LESS WATER VOC. (NK) LB/GAL SOLIDS (NK) G/L SOLIDS CALCU

RTECS #:9999999VO

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

Rout

es 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 Measures =====

First Aid:INHAL: REMOVE TO FRESH AIR AT ONCE. IF BREATH STOPPED, CPR,
GET MED ATTN IMMEDIATELY. SKIN: IMMEDIATELY FLUSH W/PLENTY OF WTR. REMOVE
CONTAM CLOTHES & FLUSH SKIN W/WTR. GETMED ATTN. LAUNDRER CLOTHES &
SHOES BEFORE R

EUSE. EYE: IMMEDIATELY FLUSH LG AMTS OF WTR15 MIN, LIFTING
LIDS. GET MED ATTN IMMEDIATELY. CONTACT LENS SHOULD NOT BE WORN.
INGESDRINK 1/2 GLASSES WATER. DO NOT INDUCE VOMIT. GET MED
ATTN/POISON CC IMMEDIATELY

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

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

VE PRESSURE & FULL PROTECT CLOTHES. WTR TO

COOL CLOSED CONTAIN PREVENT PRESSURE BUILDUP/EXPLOSION

Unusual Fire/Explosion Hazard:KEEP CONT TIGHTLY CLOSED. VAPORS HEAVIER
THAN AIR, MAY TRAVEL ALONG GROUND TO IGNITE SOURCE. ISOLATE FROM
HEAT, ETC. OVEREXPOSURE TO DECOMPRESSION MAY CAUSE HEALTH HAZARDS

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. MINIMIZE BREATHING OF
VAPORS.AVOID SKIN CONTACT. ABSORB W/INERT MATERIAL; CLAY,SOIL,

OR
COMMERCIALLY AVAIL ABSORBENT. SHOVEL RECLAIMED LIQ/ABSORBENT INTO
RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. LG: DIKE, RECLAIM IN
DRUM,TANK,TRUCK

===== 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
USEAVOID 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:APPROPRIATE PROPERLY FITTED RESPIRATOR
(NIOSH/MSHA) DURING & AFTER APPLICATION UNLESS AIR MONITOR DEMO
VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR
MANUFACTURER'S DIRECTIONS FOR USE

Ventilation:SUFFICIENT VENT IN VOL/PATTERN TO KEEP AIR CONCEN BELOW
CURRENT APPL OSHA PERMISSIBLE LIMIT. REMOVE DECOMP PRODUCTS

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:CHEM 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 E
MERGENCY

CONDITIONS, OVEREXP TO DECOMP PRODUCTS MAY CAUSE A HEALTH HAZAR D.
SYMPTOMS MAY NOT BE IMMEDIATELY APPA-RENT. OBTAIN MEDICAL
ATTENTION.

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

HCC:F2

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

Decomp Temp:Decomp Text:NE

Vapor Density:> AIR

Viscosity:70-85 KU

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume:57.72

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

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 Considerations =====

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

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