

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:  
616-683-3377 (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:POLYE

STER 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  
RT  
ECS #: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

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

Rou

tes 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, DERMATITI

S. 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

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First Aid Measures  
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First Aid:INHAL: REMOVE TO FRESH AIR AT ONCE. IF BREATH STOPPED, CPR,  
GET MED ATTN IMMEDIATELY. SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER. REMOVE  
CONTAMINATED CLOTHES & FLUSH SKIN WITH WATER. GET MED ATTN. LAUNDRY CLOTHES &  
SHOES BEFORE

REUSE. EYE: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER 15 MIN, LIFTING  
CONTACT LENSES. GET MED ATTN IMMEDIATELY. CONTACT LENSES SHOULD NOT BE WORN.  
INGESTION: DRINK 1/2 GLASSES WATER. DO NOT INDUCE VOMITING. GET MED  
ATTENTION/POISON CONTROL IMMEDIATELY

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Fire Fighting Measures  
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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 WITH FULL  
FACEPIECE OPERATED POSITIVE

PRESSURE & FULL PROTECTIVE CLOTHES. WATER TO

COOL CLOSED CONTAINERS PREVENT PRESSURE BUILDUP/EXPLOSION

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

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

OR

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

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===== 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.

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===== 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 EMERGENCY

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

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===== 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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