

NILES CHEMICAL PAINT -- N-5740 PASTEL BLUE, NON-FLAME -- 8010-01-344-5095

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Product Identification
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Product ID:N-5740 PASTEL BLUE, NON-FLAME

MSDS Date:08/27/1999

FSC:8010

NIIN:01-344-5095

Status Code:A

MSDS Number: CLGFL

=== Responsible Party ===

Company Name:NILES CHEMICAL PAINT

Address:225 FORT STREET

Box:307

City:NILES

State:MI

ZIP:49120

Country:US

Info Phone Num:616-683-3377/219-236-5856

Emergency Phone Num:800-228-5635

Preparer's Name:RYAN MICKELSON

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

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Composition/Information on Ingredients
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Ingred Name:CHLORINATED ALKYD

= Wt:24.

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

= Wt:21.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:ZINC

PHOSPHATE
CAS:7779-90-0
RTECS #:TD0590000
= Wt:17.

Ingred Name:BARIUM METABORATE
CAS:13701-59-2
RTECS #:CQ9570000
= Wt:15.
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG/M3

Ingred Name:MINERAL SPIRITS
CAS:8052-41-3
Code:F
RTECS #:WJ8925000
= Wt:10.
OSHA PEL:2900 MG/M3;500 PPM
ACGIH TLV:525 MG/M3;100 PPM

Ingred Name:#100 SOLVENT
CAS:64742-95-6
Code:F
RTECS #:WF3400000
= Wt:8.

Ingred Name:COBALT COMPOUNDS
CAS:7440-48-4
< Wt:1.

Ingred Name:BUTYL CELLOSOLVE
CAS:111-76-2
RTECS #:KJ8575000
< Wt:1.
OS
HA PEL:240 MG/M3;50 PPM
ACGIH TLV:121 MG/M3;25 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:CHRONIC EFFECTS OF OVEREXPOSURE:
RESPIRATORY IRRITATION, REPEATED CONTACT MAY CAUSE DERMATITUS.
INGESTION OF SOME BA COMPOUNDS MAY EFFECT CARDIOVASCULAR SYSTEM.
PROLONGED EXPOSURE TO SOLVENTS MAY CAU SE CHRONIC HEALTH EFFECTS,
BLOOD, NARCOSIS, COMA, LIVER, KIDNEYS, INCOH

ERENCE, CORNEAL

VACUOLIZATION, ANOREXIA, HEMOLYSIS, HEMOGLOBINURIA.

Effects of Overexposure: ACUTE EFFECTS OF OVEREXPOSURE: EYES: SEVERE IRRITATION. LACRIMATION, REDNESS, BLURRED VISION. SKIN: HARMFUL IF ABSORBED THROUGH SKIN. CAN BE ABSORBED IN TOXIC AMOUNTS, ESPECIALLY FROM PROLONGED OR REPEATED EXPOSURES. BREATHING: NASAL AND RESPIRATORY IRRITATION. CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION) NAUSEA, HEADACHE, VERTIGO. POSSIBLE UNCONSCIOUSNESS. EVEN ASPHYXIATION. SWALLOWING: GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA

Medical Condition Aggravated by Exposure: NONE KNOWN

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

First Aid: INHALATION: MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. SKIN CONTACT: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. IF MATERIAL PENETRATES THE CLOTHING,

IMMEDIATELY

REMOVE THE CONTAMINATED CLOTHING AND FLUSH THE SKIN WITH WATER. GET MEDICAL ATTENTION. WASH CLOTHING AND DECONTAMINATE SHOES BEFORE REUSE. EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION IMMEDIATELY. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL. SWALLOWI

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

Flammable

Flash Point Method: TCC

Flash Point: -23.3C, 74.F

Upper Limits: 12.0

Extinguishing Media: DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE AND FULL PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard: KEEP CONTAINERS TIGHTLY CLOSED. VAPORS ARE HEAVIER THAN AIR

IR AND MAY TRAVEL ALONG THE GROUND TO AN IGNITION SOURCE. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDI

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

Spill Release Procedures:STEPS TO BE TAKEN FOR SMALL SPILLS:
ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS AND AVOID SKI
N CONTACT. ABSORB WITH AN INERT MATERIAL SUCH AS CLAY, SOIL, OR A COMMERCIALY AVAIL ABLE ABSORBENT. SHOVEL RECLAIMED LIQUID AND ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL.
STEPS TO BE TAKEN FOR LARGE SPILLS: ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAP

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

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY. DO NOT WELD OR FLAME CUT ON EMPTY DRUMS. SHOCK FR
OM DROPPING
MAY SPLIT CONTAINER.

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

Respiratory Protection:WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY FITTED HALF-MASK OR FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APP LICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR USE.

Ventilation:KEEP BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGI

H'S TLV LIMIT. REMOVE DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SU

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES

Eye Protection:CHEMICAL GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED. REMOVE ANY CLOTHING THAT BECOMES WET (TO AVOID FLAMMABILITY HAZARD) AND WASH BEFORE REUSE.

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

Supplemental Safety

and Health

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

Boiling Pt:B.P. Text:275-410 DEG F
Spec Gravity:1.662
Viscosity:80-90 KU
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:SLIGHT
Appearance and Odor:LIQUID, ODOR OF SOLVENTS
Percent Volatiles by Volume:37.94
Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDIZING AGENTS. NONE KN
OWN. STRONG
OXIDIZERS. STRONG ACIDS, ALKALIES, ACIDS
Stability Condition to Avoid:HIGH TEMPERATURES.
Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE AND/OR
CARBON DIOXIDE.
Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL,
STATE, AND FEDERAL REGULATIONS. PRECAUTIONS TO BE TAKEN IN
HANDLING AND STORAGE: AVOID STORAGE IN HIGH T
EMPERATURE AREAS OR
NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE.
AVOID ROUGH HANDLING.

===== Regulatory Information =====

SARA Title III Information:SECTION 302-EXTREMELY HAZARDOUS SUBSTANCES
(40 CFR 355): THIS PRODUCT DOES NOT CONTAIN INGREDIENTS LISTED IN
APPENDIX A AND B AS AN EXTREMELY HAZARDOUS SUBSTANCE. SECTIONS 311
AND 312-MSDS REQUIREMENT S (40 CFR 370): OUR HAZARD EVALUATION HAS
BEEN FOUND THIS PRODUCT TO

BE HAZARDOUS. THE PRODUCT SHOULD BE

REPORTED UNDER THE FOLLOWING EPA HAZARD CATEGORIES. IMMEDIATE ACUTE HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD, FIRE HAZARD.

State Regulatory Information:

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