

NILES CHEMICAL PAINT COMPANY -- XE 9862 A SAND TYPE II -- 8010-01-131-6259

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

Product ID:XE 9862 A SAND TYPE II
MSDS Date:10/11/1989
FSC:8010
NIIN:01-131-6259
Kit Part:Y
MSDS Number: BHWTS
=== 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 (INFORMATI
ON)
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:P M ACETATE (VAPOR PRESSURE 3.7 MM HG @20C)
CAS:108-65-6
RTECS #:AI8925000
Fraction by Wt: 16%

Ingred Name:PHENOLIC RESIN
Fraction by Wt: 14

%

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 11%
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: 8%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:GREEN PIGMENT (AS CR)
CAS:1308-38-9
RTECS #:GB6475000
Fraction by Wt: 3%
OSHA PEL:
1.0 MG/M3
ACGIH TLV:.05 MG/M3

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (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:VOC. ORGANIC CMPD 4.46 LB/GAL LESS WATER & NPRS* (NK) G/L
LESS WATER VOC. (NK) LB/GAL SOLIDS (NK) G/L SOLIDS CALCU
RTECS #:9999999VO

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

Routes of Entry: Inhalation:YES Skin:YES Ing

estion: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 SYSTEM, GI TRACT, BLOOD, LIVER,
KIDNEYS.ALSO SEE BELOW

Explanation of Carcinogenicity:NOT LISTED

Effects of Overexposure:EYE:SEVERE

IRRITATION,LACRIMATION,REDNESS,BLURRED

VISION.SKIN:REDNESS,IRRITATIONDEFATTING LEADING TO

DERMATITIS.BREATH:NASAL/RESPI

RATORY IRRITATION,CNS

DEPRESS,(DIZZY,DROWSY,WEAK,FATIGUE,CONFUSION) NA

USEA,HEADACHE,VERTIGO,POSS UNCONSCIOUS,POSS ASPHYXIATION.SWALLOW:GI

IRRITATION,ABDOMINAL PAIN,NAUSEA,VOMITING,DIARRHEA.

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

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

SE. EYE: IMMED FLUSH LG AMTS OF WTR15 MIN, LIFTING
LIDS. GET MED ATTN IMMED.CONTACT LENS SHOULD NOT BE
WORN.INGEST:DRINK 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

PRESSURE & FULL PROT CLOTHES. WTR TO

COOL CLOSED CONTAIN PREVENT PRESSURE BUILDUP/EXPLOS

Unusual Fire/Explosion Hazard:KEEP CONT TIGHTLY CLOSED. VAPORS HEAVIER
THAN AIR,MAY TRAVEL ALONG GROUND TO IG-NITE SOURCE. ISOLATE FROM
HEAT, ETC. OVEREXP TO DECOMP MAY CAUSE HEALTH HAZARDS.

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

Spill Release Procedures:ELIM ALL IGNITION SOURCES. MIN BREATHING OF
VAPORSAVOID SKIN CONTACT. ABSORB W/INERT MATERIAL; CLAY,SOIL, OR

COMMERCIALLY AVAILABLE 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 USE. AVOID ROUGH HANDLING.

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

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

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

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

Protective Gloves: CHEMICAL RESISTANT GLOVES

E

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, OVEREXPOSURE TO DECOMP PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT 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: 75-85 KU

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: SLIGHT

Appearance and Odor: LIQUID, ODOR OF SOLVENTS

Percent Volatiles by Volume: 59.64

=====

== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS.

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

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.