

NILES CHEMICAL PAINT -- N4787A HI IR 686 TAN -- 8010-01-260-0910

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

Product ID:N4787A HI IR 686 TAN
MSDS Date:10/06/1991
FSC:8010
NIIN:01-260-0910
Kit Part:Y
MSDS Number: BNWWR
=== 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
Emergency Phone Num:219-236-58
56
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 HG @ 20C)
CAS:108-65-6
RTECS #:A18925000
Fraction by Wt: 21%
Other REC Limits:NONE SPECIFIED

Ingred Name:POLYESTER RESIN
Fraction by Wt: 14%
Other REC

Limits:NONE SPECIFIED

Ingred Name:BUTYL ACETATE (VAPOR PRESSURE 10 MM HG @ 20C)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 8%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM/200 PPM STEL

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL PROPYL KETONE (VAPOR PRESSURE 27.8 MM HG @ 20 C)

CAS:107-87-9

RTECS #:SA7875000

Fraction by Wt: 2%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM/250 PPM STEL

Ingred Name:METHYL ETHYL KETONE (SARA 313) (VAPOR PRESSURE 71.2 MM HG @ 20C)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 2%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM/300 PPM STEL

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:GREEN PIGMENT (AS CR) (SARA 313)

CAS:1308-38-9

RTECS #:GB6475000

Fraction by Wt: 1%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1.0 MG/M3

ACGIH TLV:0.05 MG/M3

Ingred Name:PROPRIETARY INGREDIENTS

Fraction by Wt: BALANCE

Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 4.52 LBS/GAL

RT

ECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: SEVERE IRRITATION,
LACRIMATION, REDNESS, BLURRED VISION. SKIN: REDNESS, IRRITATION,
DEFATTING OF THE SKIN LEADING TO DERMATITIS. BREATHING: NASAL &
RESPIRATORY IRRITATION, CNS DEPRESSION, ASPHYXIATION. SWALLO
WING:
GASTROINTESTINAL IRRITATION. CHRONIC: HISTOLOGIC FIBROSIS OF LUNGS,
NARCOSIS, COMA.
Explanation of Carcinogenicity:NOT LISTED BY NTP, IARC OR OSHA.
Effects of Overexposure:BREATHING: DIZZINESS, DROWSINESS, WEAKNESS,
FATIGUE, CONFUSION, NAUSEA, HEADACHE, VERTIGO, POSSIBLE
UNCONSCIOUSNESS. SWALLOWING: ABDOMINAL PAIN, NAUSEA, VOMITING,
DIARRHEA.
Medical Cond Aggravated by Exposure:NONE KNOWN. TARGET ORGANS:
RESPIRATORY SYSTEM, CNS, LUNGS, EYES, SKIN.

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

First Aid:INHAL: MOVE TO FRESH AIR. IF BREATHING STOPPED, START ARTIF
RESP. GET MED AID. SKIN: IMMED FLUSH W/WATER. IF MAT'L PENETRATES
CLOTHING, REMOVE CONTAM CLOTHING & FLUSH SKIN W/WATER. GET MED AID.
EYE: IMMED FLUSH W/LRG AMT WATER 15 MIN, LIFTING EYELIDS. GET MED
AID IMMED. SWALLOWING: DRINK 1-2 GLASSES WATER. DON'T INDUCE
VOMITING. CONSULT PHYSICIAN/POISON CONTROL CENTER IMMED. TREAT
SYMPTOMATICALLY.

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

Flash Point Method:TCC
Flash Point:20.0F,-6.7C
Lower Limits:1.3
Upper Limits:10.0
Extinguishing Media:DRY CHEMICAL, FOAM, CO2
Fire Fighting Procedures:WEAR POS PRESS SCBA W/FULL FACEPIECE & FULL
PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO
PREVENT PRESS BLD UP & AUTO IGNIT/EXPLOS.
Unusual Fire/Explosion Hazard:VAPOR HEAVIER THAN AIR, TRAVEL TO IGNIT
SOURCE. ISOLATE FROM IGNIT SOURCE. CLSD CNTNR EXPLODE

W/HEAT.

APPLICATION TO HOT SURFACES REQUIRE SPECIAL PRECAUTIONS.

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

Spill Release Procedures:NO IGNIT SOURCES. MINIMIZE BREATHING VAPORS.
AVOID SKIN CONTACT. SMALL: ABSORB W/INERT MAT'L(CLAY, SOIL, COMMERC
ABSORB). SHOVEL RECLAIMED LIQ & ABSORB INTO RECOVERY/SALVAGE DRUMS.
LRG:DIKE(NO FURTHER MOVEMENT)& RECLAIM INTO SALVAGE DRUMS/TANK
TRUCK.

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

=

Handling and Storage Precautions:AVOID STORAGE IN HIGH TEMPERATURE
AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS TIGHTLY CLOSED
WHEN NOT IN USE. AVOID ROUGH HANDLING.

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

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

Respiratory Protection:WEAR APPROPRIATE (TC-23C-75) FITTED HALF-
MASK OR

FULL FACEPIECE RSPRTR (NIOSH/MSHA) DURING & AFTER APPLICATION
UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS BELOW TLV.
FOLLOW RESPIRATOR MFR DIR ECTIONS FOR USE.

Ventilation:PROVIDE SUFFICIENT VENTILATION (VOLUME/PATTERN) TO KEEP AIR
CONC BELOW TLV PEL. REMOVE DECOMP PROD. VENT VAPOR EMITTED.

Protective Gloves:CHEM RESISTANT GLOVES-NITRILE OR VITON

Eye Protection:CHEM GOGGLES/SAFETY GLASSES/FACE SHIELDS

Work Hygienic Practices:WASH ANY CONTAM CLOTHING OR CLOTH THAT
BECOMES

WET BEFORE REUSE. WASH HANDS BEFORE EATING, SMOKING OR USING
RESTROOM.

Supplemental Safety and Health

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

HCC:F5

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

Vapor Density:> AIR

Spec Gravity:11.62 LBS/GL

Viscosity:70-85 KU

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID, ODOR OF SOLVENT.

Percent Volatiles by Volume:60.03

===== Stability and Reactivity Dat

a =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS.

Stability Condition to Avoid: N/K OVEREXPOS TO DECOMP PROD MAY CAUSE HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. GET MEDICAL AID.

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 FEDERAL, STATE & LOCAL REGULATIONS. EPA HAZARDOUS WASTE CODE: D001 (IGNITABLE).

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.