

NILES CHEMICAL PAINT -- N4787A HI IR 686 TAN -- 8010-01-260-0909

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

Product ID:N4787A HI IR 686 TAN
MSDS Date:10/06/1991
FSC:8010
NIIN:01-260-0909
Kit Part:Y
MSDS Number: BNWWP
=== 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

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===== 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

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===== 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.

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===== 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.

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===== 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 =====

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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 LB/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 Data

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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 Method

Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS. EPA HAZARDOUS WASTE CODE: D001 (IGNITABLE).

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