

NILES CHEMICAL PAINT CO. -- N4787A HI IR 686 TAN -- 8010-01-309-0329

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Product Identification  
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Product ID:N4787A HI IR 686 TAN  
MSDS Date:07/24/1995  
FSC:8010  
NIIN:01-309-0329  
Kit Part:Y  
MSDS Number: CGFFG  
=== Responsible Party ===  
Company Name:NILES CHEMICAL PAINT CO.  
Address:225 FORT STREET  
Box:307  
City:NILES  
State:MI  
ZIP:49120  
Country:US  
Info Phone Num:616-683-3377  
Emergency Phone Num:2  
19-236-5856  
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  
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Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)(VP =  
15 @ 20C)  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: 28.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
A

CGIH TLV:50 PPM/STEL 75  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:EPOXY RESIN  
RTECS #:MT9191000  
Fraction by Wt: 23.0%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)(VP = 4.4 @ 20C)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 17.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:50 PPM  
ACGIH TLV:50 PPM (SKIN)  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:PM GLYCOL ETHER (VP = 12.5 @ 25C)  
Fraction by Wt: 11.0%  
Other REC Limits:NONE RECOMMENDED

ACGIH TLV:100 PPM/STEL 150

Ingred Name:XYLENE (SARA 313) (CERCLA)(VP = 7.0)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 11.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM/STEL 150  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:DIETHYLENETRIAMINE (VP = 1.0 @ 20C)  
CAS:111-40-0  
RTECS #:IE1225000  
Fraction by Wt: 8.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT EST.  
ACGIH TLV:1.0 PPM

Ingred Name:PROPRIETARY INGREDIENTS (NON HAZ)  
Fraction by Wt: BALANCE  
Other

REC Limits:NONE RECOMMENDED

OSHA PEL:NOT EST.

ACGIH TLV:NOT EST.

Ingred Name:VOC = 5.17 LBS/GL

RTECS #:9999999VO

Fraction by Wt: NA

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NA

ACGIH TLV:NA

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYES: SEVERE

IRRIT/LACRIMATION/REDNESS/BLURRED VISION. SKIN:

REDNESS/IRRIT/DEFAT

TING LEADING TO DERMATITIS. BREATHING:

NASAL/RESP IRRIT/CNS DEPRESSION/ASPHYXIATION. INGESTION:

GASTROINTESTINAL IRRITATION. CHRONIC: CORNEAL INFLAMMATION,

FOTOFOBIA, INCOHERANCE, CORNEAL VACUOLIZATION, ANOREXIA, 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. INGESTION: ABDOMINAL PAIN, NAUSEA, VOMITI

NG,

DIARRHEA.

Medical Cond Aggravated by Exposure:NK. TARGET ORGANS: SKIN, EYES,

RESPIRATORY SYSTEM, CNS, GI TRACT, BLOOD, LIVER, KIDNEYS.

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===== First Aid Measures =====  
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First Aid:INHAL: GET FRESH AIR. IF BREATHING STOPPED, START ARTIF RESP.

GET MED AID. SKIN: IMMEDIATELY FLUSH W/WATER. IF MAT'L PENETRATES

CLOTHING, REMOVE CONTAM CLOTHING, FLUSH SKIN W/WATER. GET MED AID.

EYES: IMMED FLUSH W/LRG AMT WATER 15 MIN, LIFTING EYELIDS. GET M

ED

AID IMMED. INGESTION: DRINK 1-2 GLASSES WATER. DON'T INDUCE

VOMITING. CONSULT PHYSICIAN/POISON CONTROL CENTER IMMED. TREAT

SYMPTOMATICALLY

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===== Fire Fighting Measures =====  
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Flash Point Method:TCC

Flash Point:73.0F,22.8C

Lower Limits:1.0

Upper Limits:11.0

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

PRE

VENT PRESS BLD UP & AUTOIGNIT/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 REQUIRES SPECIAL PRECAUTIONS.\*

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

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

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

Handling and Storage Precautions:AVOID STORAGE IN HIGH TEMP 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 W/THIS MATERIAL.

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

Respiratory Protection:WEAR APPROP (TC-23C-75) FITTED HALF-MASK FOR FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING/AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS BELOW TLV. FOLLOW RESPIRATOR MFR DIRECTIONS 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, 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  
NK

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

Boiling Pt:B.P. Text:242 TO 289F

Vapor Density:>AIR

Spec Gravity:0.904

pH:NA

Viscosity:70-85 KU

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in

Water:SLIGHT

Appearance and Odor:LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:74.72

Corrosion Rate:MINIMAL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS.

Stability Condition to Avoid:NK \*OVEREXPOS TO DECOMP PROD MAY CAUSE  
HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATE APPARENT. GET MEDICAL AID.

Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE &/OR  
CARBON DIOXIDE.

Conditio

ns to Avoid Polymerization:HIGH TEMPERATURES

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, LOCAL  
REGULATIONS. EPA HAZ WASTE CODE: D001 (IGNITABLE).

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