

NILES CHEMICAL PAINT CO. -- N-1301A AIRCRAFT RED 31136 -- 8010-01-144-9884

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

Product ID:N-1301A AIRCRAFT RED 31136  
MSDS Date:05/25/1995  
FSC:8010  
NIIN:01-144-9884  
Kit Part:Y  
MSDS Number: BYCNM  
=== 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:219-236-5856  
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

===== Composition/Information on Ingredients =====

Ingred Name:DIATOMACEOUS SILICA  
CAS:14464-46-1  
Fraction by Wt: 25%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT EST.  
ACGIH TLV:0.08 MG/M3

Ingred Name:METHYL ETHYL KETONE (VP

= 71.2 MM @ 20C)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 16%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM/STEL 300 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:POLYESTER RESIN  
Fraction by Wt: 13%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:BARIUM SULFATE  
CAS:7727-43-7  
RTECS #:CR0600000  
Fraction by Wt: 12%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT EST.  
ACGIH TLV:NOT EST.

Ingred Name:PM ACETATE (VP = 3.7 MM @ 20C)  
CAS:108-65-6  
RTECS #:AI8925000  
Fraction by Wt: 12%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT EST.  
ACGIH TLV:NOT EST.

Ingred Name:BUTYL ACETATE (VP = 10.0 MM @ 20C)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:150 PPM  
ACGIH TLV:150 PPM/STEL 200 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (VP = 7.0 MM @ 20C)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM/STEL 150 PPM  
EPA Rpt Qty:1

000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PROPRIETARY INGREDIENTS (NON HAZ.)  
Fraction by Wt: BALANCE  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT RELEVANT  
ACGIH TLV:NOT RELEVANT

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

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 IRRITATION,  
LACRIMATION, REDNESS, BLURRED VISION. SKIN: REDNESS, IRRITATION,  
DE  
FATTING LEADING TO DERMATITIS. BREATHING: NASAL & RESPIRATORY  
IRRITATION, CNS DEPRESSION, ASPHYXIATIO N. INGESTION:  
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. INGESTION: ABDOMINAL PAIN, NAUSEA, VOMITING,  
DIARRHEA.  
Medical Cond Agg  
ravated by Exposure:NK. TARGET ORGANS: RESPIRATORY  
SYSTEM, CNS, LUNGS, EYES, SKIN.

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

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 MED  
AID IMMED. INGESTION: 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:1.0  
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 & 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 RECOVERY/SALVAGE DRUMS.  
LG: DIKE (NO FURTHER M OVEMT) & RECLAI  
M 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/Person  
al Protection =====

Respiratory Protection:WEAR APPROP (TC-23C-75) FITTED HALF-MASK FOR  
FULL FACEPIECE RESPIRATOR (NIOSH/MSHA) DURING/AFTER APPLICATION  
UNLESS AIR MONITERING DEMONSTRATES VAPOR/MIST LEVELS BELOW TLV.  
FOLLOW RESPIRATOR MFR DIREC TIONS 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/SAFE  
TY 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:175 TO 302F

Vapor Density:>AIR

Spec Gravity:1.343

pH:NA

VOC Grams/Liter:4.63

Viscosity:70-85 KU

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID

, SOLVENT ODOR  
Percent Volatiles by Volume:63.98  
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 IMMED APPARENT. GET MED AID.  
Hazardous Decomposition Products:CAN PRODUCE CARBON MONOXIDE &/OR  
CARBON DIOXIDE.  
Conditions to Avoid Polymerization:HIGH TEMPERA  
TURES

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

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

===== Other Information =====

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