

CRAWFORD LABORATORIES, INC -- MIL-E-24635A,#26008 GREY,L8-006 -- 8010-01-344-5314

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Product Identification  
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Product ID:MIL-E-24635A,#26008 GREY,L8-006  
MSDS Date:12/12/1995  
FSC:8010  
NIIN:01-344-5314  
MSDS Number: BYGBJ  
=== Responsible Party ===  
Company Name:CRAWFORD LABORATORIES, INC  
Address:4165 S. EMERALD AVE  
City:CHICAGO  
State:IL  
ZIP:60609  
Country:US  
Info Phone Num:312-376-7132  
Emergenc  
y Phone Num:800-424-9300  
Preparer's Name:NONE  
CAGE:DO165  
=== Contractor Identification ===  
Company Name:CRAWFORD LABORATIES, INC  
Address:4165 SOUTH EMERALD AVENUE  
City:CHICAGO  
State:IL  
ZIP:60609  
Phone:800-424-9300 CHEMTREC  
CAGE:DO165  
Company Name:CRAWFORD LABORATORIES, INC  
Address:4165 SOUTH EMERALD AVENUE  
Box:City:CHICAGO  
State:IL  
ZIP:60609  
Country:US  
Phone:312-376-7132  
CAGE:5V430

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Composition/Information on Ingredients  
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Ingred Name:100 SOLVENT, NAPHTHA, LIGHT AROM

ATIC (SOLVENT NAPHTHA)  
CAS:64742-95-6  
RTECS #:WF3400000  
Fraction by Wt: 5-20%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL SPIRITS/66  
CAS:8032-32-4  
RTECS #:OI6180000  
Fraction by Wt: 5-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM; 9495

Ingred Name:MAGNESIUM SILICATE HYDRATE  
CAS:14807-96-6  
RTECS #:MW2700000  
Fraction by Wt: 5-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 FIBERS/CC  
ACGIH TLV:0.2 FIBER/CC,A1;9495

Ingred Name:SILICON DIOXIDE  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 5-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE TABLE Z-3  
ACGIH TLV:0.1 MG/M3 RDUST;9495

Ingred Name:VOLATILE ORGANIC CONTENT V.O.C.=331 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic

:ACUTE: EYES: SEVERE IRRITATION, POSSIBLE PERMANENT DAMAGE. SKIN: DEFATTING, DRYING, IRRITATION, DERMATITIS. INHALATION: HEADACHE, DIZZINESS, NAUSEA, MUCOUS MEMBRANE IRRITATION, LOSS OF CONSCIOUSNESS. INGESTION: MUCOUS MEMBRANE IRRITATION, VOMITING. CHRONIC: SENSITIZATION AFTER REPEATED CONTACT.

Explanation of Carcinogenicity:IARC HAS DETERMINED SILICA TO BE A CLASS 2A CARCINGEN.

Effects of Overexposure:EYES: IRRITATION, DAMAGE. SKIN: IRRITATION, DRYING, DEFATTING, DERMATITIS, SENSITIZATION. INHALATION: MUCOUS MEMBRANE IRRITATION, HEADACHE, DIZZINESS, NAUSEA, UNCONSCIOUSNESS. INGESTION: MUCOUS MEMBRANE IRRITATION, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.  
INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.  
INGESTION: GET MEDICAL ATTENTION. ONLY INDUCE VOMITING ON INSTRUCTION OF PHYSICIAN.

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

Flash Point Method:SCC  
Flash Point:120F,49C  
Lower Limits:0.9%  
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:USE WATER TO KEEP EXPOSED CONTAINERS COOL AND FLAMMABLE STRUCTURES WET. DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION, DECOMPOSITION PRODUCTS MAY BE PRESENT.  
Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A COMBUSTIBLE LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. SOAK UP WITH AN ABSORBENT AND PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY

Y FOR PROPER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE IN BUILDINGS DESIGNED FOR THE STORAGE OF COMBUSTIBLE LIQUIDS. TREAT AS ANY HAZARDOUS-COMBUSTIBLE MATERIAL.

Other Precautions:HOT ORGANIC CHEMICAL VAPORS OR MISTS ARE SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED WITH AIR. ANY PROPOSED USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESS SHOULD BE THOROUGHLY EVALUATED TO ASSURE SAFE OPERATING CONDITIONS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH APPROVED ORGANIC VAPOR RESPIRATORS WHERE VENTILATION IS INADEQUATE.

Ventilation:MUST PROVIDE ADEQUATE VENTILATION.

Protective Gloves:USE RUBBER GLOVES.

Eye Protection:WEAR APPROVED SAFETY GOGGLES.

Other Protective Equipment:HAVE EYE WASH STATION AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:

WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

IGNITION TEMPERATURES DECREASE WITH INCREASING VAPOR VOLUME AND VAPOR/AIR CONTACT TIME AND ARE INFLUENCED BY PRESSURE CHANGES. IGNITION MAY OCCUR AT TYPICAL ELEVATED TEMPERATURE PROCESS CONDITIONS, ESPECIALLY UNDER VACUUM IF SUDDEN INGRESS OF AIR OR OPERATING UNDER PRESSURE IF SUDDEN ESCAPE OF VAPORS TO THE ATMOSPHERE.

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Physical/Chemical Properties  
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HCC:F4

Boiling Pt:B.P. Text:282 TO 396F

Vapor Density:>AIR

Spec Gravity:1.26

Evaporation Rate & Reference:0.11 (N-BUTYL ACETATE)

Appearance and Odor:GREY LIQUID.

Percent Volatiles by Volume:41.5

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS AND STRONG ALKALIES.

Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAMES, AND INCOMPATIBLES. AIRCR

AFT TRANSPORT MUST BE IN STRICT ACCORDANCE WITH REGULATIONS.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION MAY FORM HIGHLY POISONOUS CARBON MONOXIDE AND OTHER TOXIC GASES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT AN APPROVED DISPOSAL FACILITY.

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