

CRAWFORD LABORATORIES, INC. -- L9-003 TPD-1000A, TYPE 1 HEAT RESISTING PAINT --
8010-01-344-5120

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Product Identification
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Product ID:L9-003 TPD-1000A, TYPE 1 HEAT RESISTING PAINT

MSDS Date:01/17/1997

FSC:8010

NIIN:01-344-5120

MSDS Number: CCMBR

=== Responsible Party ===

Company Name:CRAWFORD LABORATORIES, INC.

Address:4165 SOUTH EMERALD AVENUE

City:CHICAGO

State:IL

ZIP:60609

Country:US

Info Phone Num:773-376-7132

Emergency Phone Num:800-424-9300 CHEMTREC

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.

Box:UNKNOW

CAGE:5V120

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Composition/Information on Ingredients
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Ingred Name:NAPHTHA, LIGHT AROMATIC (SOLVENT NAPHTHA)

CAS:64742-95-6

RTECS #:WF3400000

Fraction by Wt: 20-50

%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ALUMINUM FLAKE OR ALUMINUM (SARA 313)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 5-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 DUST

ACGIH TLV:10 MG/M3 DUST; 9596

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:INGESTION

MAY CAUSE VOMITING.

INHALATION MAY CAUSE CNS EFFECTS, IRRITATION OF MUCOUS MEMBRANES. EYE CONTACT MAY CAUSE SEVERE EYE IRRITATION, POSSIBLE DAMAGE. SKIN CONTACT MAY CAUSE IRRITATION, DERMATITIS, SENSITIZATION.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED-HEADACHE, DIZZINESS, NAUSEA, LOSS OF CONSCIOUSNESS. INGESTED-VOMITING. SKIN-DEFATTING, DRYING, IRR

ITATION, DERMATITIS, SENSITIZATION. EYES-SEVERE IRRITATION, EYE DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-CONTACT PHYSICIAN

IMMEDIATELY. ONLY INDUCE VOMITING ON INSTRUCTION OF PHYSICIAN. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:108F,42C

Lower Limits:1.9

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A COMBUSTIBLE

LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. HANDLING EQUIPMENT MUST BE PROPERLY BONDED/GROUNDED. TOOLS MUST BE NON-SPARKING. WEAR PROPER PERSONAL PROTECTIVE GEAR. SOAK UP WITH ABSORBANT AND PLACE IN NON-LEAKING CONTAINER(S). SEAL TIGHTLY FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:HOT ORGANIC CHEMICAL VAPORS OR MISTS ARE SUSCEPTIBLE TO SUDDEN SPAONTANEOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION TEMPERATURES DECREASE WITH INCREASING VAPOR VOLUME AND VAPOR/AIR CONTACT TIME & ARE INFLUENCED BY PRESSURE CHANGES.

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Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE EFFECTIVE ENGINEERING CONTROLS. DLA-HMIS:USE ADEQUATE GENERAL VENTILATION/LOCAL EXHAUST TO KEEP EXPOSURE BELOW TLV.

Protective Gloves:USE RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES.

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

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:300F,149C

Vapor Pres:9

Vapor Density:>1

Spec Gravity:1.1639

Evaporation Rate & Reference:0.18 (N-BUTYL ACETATE=1)

Appearance and Odor:A

LUMINUM LIQUID.

Percent Volatiles by Volume:47.1

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ALKALIS.

Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAMES AND INCOMPATIBLE MATERIALS. ALSO, AIRCRAFT TRANSPORT MUST BE IN STRICT ACCORDNACE W/REGS

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

Conditions to Avoid Polymerizati

on:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

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