

CRAWFORD LABS, INC -- TPD-24607 GRAY 26307, P/C H8-010 -- 8010-01-344-5091

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Product Identification
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Product ID:TPD-24607 GRAY 26307, P/C H8-010

MSDS Date:11/15/1993

FSC:8010

NIIN:01-344-5091

MSDS Number: BTCPD

=== Responsible Party ===

Company Name:CRAWFORD LABS, INC

Address:4165 S EMERALD AVE

City:CHICAGO

State:IL

ZIP:60609

Country:US

Info Phone Num:312-376-7132

Emergency Phone Num:312

-433-1307

Preparer's Name:DAVID SCHMETTERER

CAGE:5V430

=== Contractor Identification ===

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 (VAPOR PRESSURE 9. MM HG)

CAS:64742-95-6

Fraction by Wt: 5.1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM

Ingred Name:1,2,4-TRIMETHYLBENZENE

(SARA III) (VAPOR PRESSURE 1.7 MM HG)
CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: 2.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 12%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:10 MG/M3

Ingred Name:SILICON DIOXIDE
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: 1.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:20 MG/M3
ACGIH TLV:20 MG/M3

Ingred Name:MINERAL SPIRITS/66 (VAPOR PRESSURE 3.4 MM HG)
CAS:8032-32-4
RTECS #:OI6180000
Fraction by Wt: 11%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM

Ingred Name:VOC: 340 MAX
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:YES
Health Hazards Acute and Chronic:OVEREXPOSURE MAY PRODUCE: 1-ACUTE TOXICITY, RESULTING IN HEA

DACHE, DIZZINESS, NAUSEA, & LOSS OF CONSCIOUSNESS. 2-SEVERE EYE IRRITATION POSSIBLY RESULTING IN PERMANENT DAMAGE. 3-IRRITATED MUCOUS MEMBRANES. 4-VOMITING DUE TO INGESTION. 5-DEFATTING & DRYING OF SKIN. 6-SENSITIZATION AFTER REPEATED CONTACT.

Explanation of Carcinogenicity: SILICON DIOXIDE IS LISTED AS A CARCINOGEN.

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First Aid Measures
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First Aid: EYE: FLUSH W/LOW PRESSR H2O 15 MIN, LIFT EYELID. GET MED AID. INHAL: REMOVE TO FRESH AIR, GIVE OXYGEN IF BREATH DIFFICULT. GIVE ARTIF RESP IF NO BREATH. GET MED AID. KEEP WARM & COMFORTABLE. NEVER GIVE UNCONSCIOUS PERSON LIQ. INGEST: CALL DR IMMED. ONLY INDUCE VOMIT ON DR'S INSTRUCT. IF VOMIT OCCURS, KEEP HEAD BELOW HIP. SKIN: FLUSH W/H2O WHILE REMOVING CONTAM CLOTHES & SHOES. WASH W/ SOAP & H2O. IF IRRIT, GET MED AID

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Fire Fighting Measures
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Flash Point Method: SCC
Flash Point: 100F, 38C
Lower Limits: 0.9
Extinguishing Media: FOAM, CO2, OR DRY CHEMICAL
Fire Fighting Procedures: USE WATER TO KEEP EXPOSED CONTAINERS COOL & TO KEEP FLAMMABLE STRUCTURES WET. DON'T ENTER FIRE AREA W/O PROPER PROTECT BECAUSE HAZARDOUS DECOMP MAY BE PRESENT.
Unusual Fire/Explosion Hazard: TREAT AS A HAZARDOUS-FLAMMABLE MATERIAL. WATER PRESSURE MAY SPREAD A FLAMMABLE LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

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Accidental Release Measures
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Spill Release Procedures: WARNING - FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. SOAK UP WITH AN ABSORBENT AND PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.

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Handling and Storage
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Handling and Storage Precautions: KNOW APPLICABLE DOT REGULATIONS BEFORE ATTEMPTING TRANSPORT. HOT ORGANIC CHEMICAL VAPORS SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED W/AIR
Other Precautions: IGNIT MAY OCCUR

CUR AT TEMP AIR
Spec Gravity:1.65
Viscosity:90 KU
Evaporation Rate & Reference:0.12 X N-BUTYL ACETATE
Solubility in Water:SLIGHT
Appearance and Odor:GRAY / SOLVENT ODOR
Percent Volatiles by Volume:36.1
Corrosion Rate:NOT CORR

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

Stability Indicator/Materials to Avoid:YES
MAY BE INCOMPATIBLE WITH OXIDIZING AGENTS AND STRONG ALKALIES.
Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAMES, AND
INCOMPATIBILITIES.

Haza
rdous Decomposition Products:INCOMPLETE COMBUSTION FOR PRODUCTS
LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE AND OTHER
TOXIC GASES.

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

Waste Disposal Methods:DISPOSAL METHOD: FUEL CONSUMPTION. DISPOSAL MUST
BE IN ACCORDANCE WITH CURRENT LOCAL, STATE, AND FEDERAL REGULATION.
CONTACT AN APPROVED DISPOSAL FACILITY. EPA HAZARDOUS WASTE CODES:
D001, IGNITABLE. HAZARD CLASS: UN 1263.

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