

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

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

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

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

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

===== 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 HEAD

ACHE, 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.

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

First Aid:EYE:FLUSH W/LOW PRESSR H2O 15 MIN,LIFT EYELID.GET MED  
AID.INHAL:REMOVE TO FRE  
SH 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

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

Flash Point Method:SCC  
Flash Point:100F,38C  
Lower Limits:0.9  
Extinguishing Media:FOA  
M, 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.

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

Spill Release Procedures:WARNING - FLA  
MMABLE. 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.

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

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 OCC

UR 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.  
Hazar  
dous 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.

Disclaimer (provide  
d with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.