

CRAWFORD LABORATORIES, INC. -- SANDING SEALER TT-S-190F EO-110 -- 8010-00-663-2673  
===== Product Identification =====

Product ID:SANDING SEALER TT-S-190F EO-110  
MSDS Date:10/19/1987  
FSC:8010  
NIIN:00-663-2673  
MSDS Number: BJDJY  
=== Responsible Party ===  
Company Name:CRAWFORD LABORATORIES, INC.  
Address:4165 SOUTH EMERALD AVENUE  
City:CHICAGO  
State:IL  
ZIP:60609  
Country:US  
Info Phone Num:312-376-7132  
Emergency Phone Num:312-433-1307  
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

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTE

CS #:NT8050000  
Fraction by Wt: 5-20%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 5-20%  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 5-20%  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:A  
CETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 5-20%  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ALIPHATIC HYDROCARBONDIENT  
VAPOR PRESSURE 60 MM HG  
Fraction by Wt: 5-20%

Ingred Name:DI-SEC-OCTYL PHTHALATE (DI-2-ETHYLHEXYL-PHTHALATE) (SARA III)  
CAS:117-81-7  
RTECS #:TI0350000  
Fraction by Wt: 1-5%  
OSHA PEL:5 MG/M3/10 STEL  
ACGIH TLV:5 MG/M3; 9192  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:ESTER

S

(VAPOR PRESSURE 3.2 MM HG)

Fraction by Wt: NA

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TOXICITY, RESULTING IN HEADACHE,  
DIZZINESS, NAUSEA, & LOSS OF CONSCIOUSNESS. EYEAND MUCOUS  
MEMBRANES. VOMIT DUE TO INGESTION.DEFATTING AND DRYING OF THE SKIN  
WHICH MAY RESULT IN IRRITATION AND DERMATI TIS.

Eff

ects of Overexposure:TOXICITY, RESULTING IN HEADACHE, DIZZINESS,  
NAUSEA, & LOSS OF CONSCIOUSNESS. EYEAND MUCOUS MEMBRANES. VOMIT DUE  
TO INGESTION.DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN  
IRRITATION AND DERMATI TIS.

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

First Aid:EYE: FLUSH W/PLENTY WATER 15 MIN. LIFTING LIDS. GET MED ATTN.  
INHAL:REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN/CPR IF BREATH IS  
DIFF. GET MED ATTN. SKIN: FLUSHWITH SOAP &  
WATER, REMOVE CONTAM  
CLOTHIN G. DO NOT REUSE UNTIL LAUNDERED. INGESTION: DO NOT INDUCE  
VOMIT.IF VOMIT OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO  
PREVENT ASPIRATION OF LIQ INTO THE LUNGS GET MED ATTN. CONSCIOUS  
ADMIN PINT WATER

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

Flash Point Method:SCC  
Flash Point:44F/6.67C  
Lower Limits:0.8  
Extinguishing Media:FOAM, CO2, OR DRY CHEMICAL  
Fire Fighting Procedures:WATER MAY BE USED TO KEEP CONTAIN COOL/FLAMM

STRUCTURES WET. DO NOT ENTER AREA WITHOUT PROPER PROTECTION,  
HAZARDOUS DECOMPOSITION PRODUCTS MAY BE PRESENT  
Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A FLAMMABLE  
LIQUID FIRE. SEALED CONTAINERS MAY EXPLODEIF OVERHEATED

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

Spill Release Procedures:WARNING-FLAMMABLE. ELIMINATE ALL IGNITION  
SOURCES.HANDLE EQUIP MUST BE GROUNDED TO PREVENT SPARKING.SOAK UP  
WITH AN ABSORBENT & PLACE IN NON-LEAKING CONTAI

NERS. SEAL TIGHTLY  
FOR PROPER DISPOSAL

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

Handling and Storage Precautions:TREAT AS A HAZARDOUS-FLAMMABLE  
MATERIAL. APPLY DOT REGULATIONS BEFORE ATTEMPTING TO  
TRANSPORT THIS MATERIAL

=====  
Exposure Controls/Personal Protection  
=====

Respiratory Protection:IMPORTANT-MUST PROVIDE ADEQUATE VENT TO MAINTAIN  
VAPOR CONCENTRATIONS BELOW THE ESTAB TLV LIMIT AS GIVEN BY OSHA. IN  
MORE C

UNFINED AREAS A NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED WITH  
ORGANIC VAPOR CARTRIDGE SHOULD BE WORN

Ventilation:MUST PROVIDE ADEQUATE VENT. SEE ABOVE

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GOGGLES/ FACE SHIELD

Other Protective Equipment:HAVE EYE BATH AVAILABLE

Work Hygienic Practices:GOOD PERSONAL HYGIENE

Supplemental Safety and Health

NK

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

HCC:F3

Boiling Pt:B.P. Text:188-446 F

Vapor Density:> AIR

Evaporati

on Rate & Reference:2.45 X N-BUTYL ACETATE

Appearance and Odor:CLEAR LIQUID

Percent Volatiles by Volume:67.1%

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

Stability Indicator/Materials to Avoid:YES

HEAT, SPARKS, OPEN FLAMES, & INCOMPATIBILITIES ABOVE

Stability Condition to Avoid:MAY BE INCOMPATIBLE WITH OXIDIZING AGENTS  
& STRONG ALKALIES

Hazardous Decomposition Products:INCOMPLETE COMBUSTION FOR PRODUCTS  
LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE

AND OTHER  
TOXIC GASES

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE W/CURRENT LOCAL,  
STATE & FEDERAL REG. CONTACT AN APPROVED DISPOSAL FACILITY.

Disclaimer (provided 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 a  
ccurate 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.