

CRAWFORD LABORATORIES, INC. -- TT-S-190F SANDING SEALER, CODE:EO-110
8010-00-663-2673

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

Product ID:TT-S-190F SANDING SEALER, CODE:EO-110

MSDS Date:12/12/1986

FSC:8010

NIIN:00-663-2673

MSDS Number: BFKFY

=== Responsible Party ===

Company Name:CRAWFORD LABORATORIES, INC.

Address:4165 S. EMERALD AVE

City:CHICAGO

State:IL

ZIP:60609

Info Phone Num:(312)376-7132

Emer

gency Phone Num:(312)438-1307

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

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS

#:NT8050000

Fraction by Wt: 5-20%

Other REC Limits:400 PPM

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%

Other REC Limits:100 PPM

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ALIPHATIC HYDROCARBON

Fraction by Wt: 5-20%

Other REC Limits:307 PPM

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-

93-3

RTECS #:EL6475000

Fraction by Wt: 5-20%

Other REC Limits:200 PPM

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ESTERS

Fraction by Wt: 5-20%

Other REC Limits:UNDETERMINED

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 5-20%

Other REC Limits:750 PPM

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:DI-SEC-OCTYL PHTH

ALATE (DI-2-ETHYLHEXYL-PHTHALATE) (SARA
III)

CAS:117-81-7

RTECS #:TI0350000

Fraction by Wt: 1-5%

Other REC Limits:5 MG/M3

OSHA PEL:5 MG/M3/10 STEL

ACGIH TLV:5 MG/M3; 9192

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:N/K

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

Health Hazards Acute and Chronic:SEE SIGN & SYMPTOMS OF OVEREXPOSURE
SECTION .

Explanation of Carcinogenicity:DI-SEC-OCTYL PHTHALA

TE:NTP-ANTICIPATED

HMN CARCINOGEN, IARC-ANIMAL CARCINOGEN (SOURCE LIST 9F) .

Effects of Overexposure:OVEREXPOSURE MAY PRODUCE VARIOUS

EFFECTS,INCLUDING:ACUTE TOX,RESULTNG IN HDACHE,DIZZ,NAUSEA & LOSS OF
CONSCIOUSNESS.EYE IRRITATION.IRRITATED MUCOUS MEMBRANES.VOMITING
DUE TO INGESTION.DEFATTING & DRYIN G OF THE SKIN,WHICH MAY RESULT
IN IRRITATION & DERMATITIS.

Medical Cond Aggravated by Exposure:N/K

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

First A

id:EYE:FLUSH W/LGE AMTS OF WTR FOR AT LEAST 15 MIN,OCCAS LIFTING
EYELID OPEN.GET MED ATTN.INHAL:RMOV TO FRESH AIR.SUPPORT BREATHNG
(GIVE O*2/ART RESP).GET MED ATTN.KEEP VICTIM QUIET.NEVER GIV E AN
UNCONSCIOUS PERSON LIQ.INGES:DO NOT INDUCE VOM.IF VOM OCCURS
SPONTAN,KEEP HEAD BELOW HIP TO PRVNT ASPIR OF LIQ INTO LUNG.GET MED
ATTN.NEVER GIVE AN UNCON PERSON LIQ.IF VICTIM HAS INGES (SUP DAT)

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

Flash Point Metho

d:SCC
Flash Point:44F/6.67C
Lower Limits:0.3
Upper Limits:N/K

Extinguishing Media:FOAM, CO*2, OR DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIP.WTR MAY BE USED TO KEEP EXPOS CNTNR COOL,& TO KEEP FLAM STRUCTURES WET.DO NOT ENTER FIRE (SUP DAT)

Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A FLAM LIQ FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

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

Spill Release Procedures:WARNING-FLAMMABLE.ELIM ALL IGN SOURCE.HNDLING EQUIP MUST BE GRND TO PREVENT SPARKING.SOAK UP W/AN ABSORBENT & PLACE IN NON-LEAKING CNTNRS. SEAL TIGHTLY FOR PROPER DISPOSAL.
Neutralizing Agent:N/K

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

Handling and Storage Precautions:TREAT AS A HAZARDOUS-FLAMMABLE MATERIAL.KNOW APPLICABLE D.O.T. REGULATIONS BEFORE ATTEMPTING TO TRANSPORT THIS MATERIAL.

Other Precautions:N/K

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

Respiratory Protection:IN MORE CONFINED AREAS A NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED W/ORGANIC VAPOR CARTRIDGE SHOULD BE WORN.

Ventilation:MUST PROVIDE ADEQUATE VENTILATION TO MAINTAIN VAPOR CONCENTRATION BELOW THE ESTABLISHED TLV LIMIT AS GIVEN BY OSHA.

Protective Gloves:RUBBER GLOVES.

Eye Protection:WEAR APPROVED SAFETY GOGG &/FACE SHIELD.

Other Protective Equipment:HAVE AN EYE BATH AVAILABLE.

Work Hygienic Practices:N/K

Supplemental Safety and Health

BP:56.1-230C.SPEC FRFGHTNG PROC:AREA W/OUT PROPER PROT BCAUS HAZ DCOMP PROD MAY BE PRESNT.RTE ENTRY:N/K .EMER 1ST AID:LGE QUAN,& IS COMPLETE CONSCIOUS/ALERT,THEN ADMIN LUKEWARM WTR(PINT).SKN-FLUSH W/WTR WHILE RMOV CONTAM CLTHNG&SHOES.FOLL BY WASHNG W/SOAP&WTR IF IRRITATION PERSIST,GET MED ATTN.

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

HCC:F3
Boiling Pt:B.P. Text:133-446F
Melt/Freeze Pt:M.P/F.P Text:N/K
Decomp Temp:Decomp Text:N/K
Vapor Pressure

:N/K
Vapor Density:HV THN AIR
Spec Gravity:0.8798
Evaporation Rate & Reference:2.43 (N-BUTYL ACETATE)
Solubility in Water:N/K
Appearance and Odor:CLEAR LIQUID
Percent Volatiles by Volume:67
Corrosion Rate:

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

Stability Indicator/Materials to Avoid:YES
MAY BE INCOMPATIBLE W/OXIDIZING AGENTS & STRONG ALKALIES.
Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAMES, &
INCOMPATIBILITIES.
Hazardous Decomposition Products:INCOMPLETE COMBSUTION FOR PRODUCTS
LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE & OTHER
TOXIC GASES.
Conditions to Avoid Polymerization:AVOID HEAT, SPARKS, OPEN FLAMES, &
INCOMPATIBILITES.

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

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

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