

FEL-PRO INC DIV OF FELT PRODUCTS MFG CO -- HIGH PERFORMANCE SEALER #51112/51113 --
8030-00-485-9200

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

Product ID:HIGH PERFORMANCE SEALER #51112/51113

MSDS Date:08/27/1993

FSC:8030

NIIN:00-485-9200

Kit Part:Y

MSDS Number: CFJSR

=== Responsible Party ===

Company Name:FEL-PRO INC DIV OF FELT PRODUCTS MFG CO

Address:7450 N MCCORMICK

City:SKOKIE

State:IL

ZIP:60076-4046

Country:US

Info Phone Num:708-674-7700

Emergency Phone Num:708-674-7700

Preparer's Name:KATHY GRIFFITH

CAGE:73165

=== Contractor Identification ===

Company Name:FEL-PRO INC DIV OF FELT PRODUCTS MFG CO

Address:7450 N MCCORMICK

Box:1103

City:SKOKIE

State:IL

ZIP:60076-4046

Country:US

Phone:847-674-7700 OR 312-761-4500

CAGE:73165

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

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 20-40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM/STEL 300
ACGIH TLV:200 PPM/STEL 300
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:MICA
CAS:12001-26-2
RTECS #:VV8760000
Fraction by Wt: 10-20%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:20 MPPCF
ACGIH TLV:3 MG/M3

Ingred Name:FORMALDEHYDE (SARA 302/313) (CERCLA)
CAS:50-00-0
RTECS #:LP8925000
Fraction by Wt: 0.1-1.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 PPM/STEL 2
ACGIH TLV:1 PPM/STEL 2
EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:ORTHO CRESOL
CAS:95-48-7
RTECS #:GO6300000
Fraction by Wt: 1.0-5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 PPM
ACGIH TLV:5 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PHENOL (SARA 302/313) (CERCLA)
CAS:108-95-2
RTECS #:SJ3327000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 PPM
ACGIH TLV:5 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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===== 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: EYE: IRRIT/INJURY/DAMAGE. SKIN:
IRRITATION/ABSORPTION/KIDNEY/LIVER DAMAGE. INHALATION:
INJURY/DEATH/HEADACHE/DIZZINESS/IRRIT/ABSORPTION
(LIVER/KIDNEY/OTHER BODY SYSTEM INJURY/NAUSEA/VOMITING). INGEST:
FATAL/BURN/NAUSEA/SEVERE PAIN/VOMITING.
Medical Cond Aggravated by Exposure: PULMINARY/DERMATOLOGICAL DISORDERS.

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S =====
First Aid Measure

First Aid: EYE: IMMEDIATELY FLUSH WITH PLENTY WATER. REMOVE CONTACTS/FLUSH >15 MIN. GET MED AID. SKIN: IMMEDIATELY WASH WITH PLENTY SOAP/WATER. REMOVE CONTAMINATED CLOTHES. GET MED AID. INHALATION: GET FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION OR OXYGEN. GET IMMEDIATE MEDICAL AID. INGESTION: DO NOT INDUCE VOMITING. DRINK WATER/MILK. CALL DRUG/POISON CONTROL. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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Fire Fighting Measures =====

Flash Point
Test Method: TCC
Flash Point: 21.0 F, -6.1 C
Lower Limits: 1.8
Upper Limits: 73.0
Extinguishing Media: ALCOHOL FOAM, FOAM, DRY CHEMICAL, CO2, WATER FOG.
Fire Fighting Procedures: USE NIOSH APPROVED SCBA/FULL PROTECTIVE CLOTHING. USE WATER TO COOL FIRE-EXPOSED CONTAINERS. WATER MAY CAUSE FROTHING/SPREAD FLAME.
Unusual Fire/Explosion Hazard: CLOSED CONTAINER MAY RUPTURE/EXPLODE WITH EXTREME HEAT. VAPORS > AIR/TRAVEL ALONG GROUND/FLASH BACK. IRRITATING/TOXIC GASES MAY BE EMISSIONED.

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= Accidental Release Measures =====

Spill Release Procedures: REMOVE SPILLS. DIKE. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. ABSORB. SWEEP/SHOVEL INTO LOOSELY COVERED CONTAINER.

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Handling and Storage =====

Handling and Storage Precautions: GROUND/BOND WHEN TRANSFERRING. FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM SPARKS. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM CHILDREN.

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Exposure Controls/Personal Protection

tion =====

Respiratory Protection:USE NIOSH APPROVED VAPOR CARTRIDGE RESPIRATOR OR DUST/MIST RESPIRATOR WHEN GRINDING/MACHINING CURED COMPOUND.

Ventilation:LOCAL EXHAUST

Protective Gloves:BUTYL RUBBER/NEOPRENE/TEFLON/VITON/PVA

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYEWASH/SAFETY SHOWER.

Work Hygienic Practices:DON'T SMOKE OR EAT DURING USE. DON'T REUSE EMPTY CONTAINERS W/O COMMERCIAL CLEANING/RECONDITIONING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:-3 TO 190F

Vapor Density:>AIR

Spec Gravity:1.087

pH:NA

Viscosity:MEDIUM

Evaporation Rate & Reference:FASTER THAN BUAC

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK LIQUID, SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG - LEWIS/MINERAL ACIDS/BASES/OXIDANTS. ALUMINUM CHLORIDE/NITROMETHANE/FORMALDEHYDE*

Stability

Condition to Avoid:IGNITION SOURCES. *PEROXYDISULFURIC

ACID/PEROXYMONOSULFURIC ACID/SODIUM

NITRITE/ALUMINUM/NITROBENZENE/SODIUM NITRATE**

Hazardous Decomposition Products:OXIDES CARBON/AROMATIC/ALIPHATIC HYDROCARBONS. **TRIFLUOROACETIC ACID/BUTADINE.

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

Waste Disposal Methods:ACCORDING TO FEDERAL/STATE/LOCAL REGS. INCINERATION PREFERRED.

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