

FEL-PRO CHEMICAL PRODUCTS DIV OF FELT PRODUCTS -- 51001 C5-A HIGH TEMP ANTI SEIZE
COMPOUND -- 8030-00-734-1546

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

Product ID:51001 C5-A HIGH TEMP ANTI SEIZE COMPOUND

MSDS Date:06/12/1992

FSC:8030

NIIN:00-734-1546

MSDS Number: CHNKZ

=== Responsible Party ===

Company Name:FEL-PRO CHEMICAL PRODUCTS DIV OF FELT PRODUCTS

Address:7450 N MCCORMICK

City:SKOKIE

State:IL

ZIP

:60076-8205

Country:US

Info Phone Num:303-289-5651

Emergency Phone Num:303-289-5651

Preparer's Name:CATHY GRIFFITH

CAGE:GO402

=== Contractor Identification ===

Company Name:FEL-PRO CHEMICAL PRODUCTS DIV OF FELT PRODUCTS

Address:7450 N MCCORMICK

Box:1205

City:SKOKIE

State:IL

ZIP:60076-8205

Country:US

Phone:303-289-5651

CAGE:GO402

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

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Composition/Information on Ingredients
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Ingred Name:PETROLEUM OIL, HYDROTREATED HEAVY NAPHTHENIC DISTILLATE
(PETROLEUM), PETROLEUM DISTILLATES, MINERAL OIL (SEVERE)

CAS:64742-52-5

RTECS #:PY8035001

Fraction by Wt: 40-60%

Ingred Name:COPPER (DUST & MIST), BRONZE POWDER *98-2*

CAS:7440-50-8

RTECS #:GL5325000

Fraction by Wt: 20-40%

Other REC Limits:1 MG(CU)/M3 (DUST)

OSHA PEL:0.1 MG(CU)/M3 (FUME)

ACGIH TLV:0.2 MG/M3 (FUME)

EPA Rpt Qty:5000 LBS

DOT Rpt

Qty:5000 LBS

Ingred Name:CRYSTALLINE-QUARTZ SILICA, SILICA DUST (SUSPECTED HUMAN
CARCINOGEN BY IARC-GROUP 2A; SUSPECTED CARCINOGEN NTP) *98-2*

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 1-3%

Other REC Limits:0.05 MG/CUM (NIOSH)

OSHA PEL:10 MG/CUM %RESP SIO2

ACGIH TLV:0.1 MG/CUM RESP DUST

Ingred Name:GRAPHITE

CAS:7782-42-5

RTECS #:MD9659600

Fraction by Wt: 10-20%

Other REC Limits:2.5MG/CUM

ACGIH TLV:2 MG/CUM RESP IC

Ingred Name:VOLATILE ORGANIC CONTENT: 0.0 LBS/GAL

RTECS #:999999

9VO

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:EYES/SKIN: MILD IRRITANT. INHALATION:

MAY CAUSE RESPIRATORY IRRITATION. ASPIRATION INTO THE LUNGS MAY
CAUSE CHEMICAL PNEUMONITIS. OVEREXPOSURE TO FREE RESPIRABLE QUARTZ
MAY CAUSE SILICOSIS/DELAYED LUN G INJURY. OVEREXPOSURE TO
COPPER/GRAPHITE DUST/FUMES MAY CAUSE LUNG

INJURY.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DEFATTING, REDNESS, NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:PRE-EXISTING PULMONARY & DERMATOLOGICAL DISORDERS.

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. INGESTION: DON'T INDUCE VOMITING. GIVE WATER/MILK IF CONSCIOUS & NOT DROWSY. IF VOMITING OCCURS, BE SURE TO KEEP VICTIMS HEAD BELOW HIPS TO AVOID ASPIRATION OF VOMITUS INTO THE LUNGS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:PMCC

Flash Point:>300F

Extinguishing Media:FOAM, CO2, DRY CHEMICAL.

Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING. USE WATER TO COOL EXPOSED CONTAINERS. WATER STREAM DIRECTED INTO FIRE MAY CAUSE FROTHING W/SUBSEQUENT SPREAD OF FIRE.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY RUPTURE/EXPLODE DUE TO PRESSURE BUILDUP WHEN EXPOSED TO EXTREME HEAT. IRRITATING/TOXIC GASES/FUMES MAY GENERATE BY THERMAL COMBUSTION.

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

Spill Release Procedures:VENTILATE AREA. WEAR APPROPRIATE PROTECTIVE EQUIPMENT DURING CLEANUP. CONTAIN & ABSORB W/INERT MATERIAL SUCH AS VERMICULITE. PLACE INTO CONTAINERS W/LIDS. COVER LOOSELY & REMOVE TO APPROPRIATE WASTE AREA. WASH AREA.

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

Handling and Storage Precautions:FOR PROFESSIONAL USE ONLY.

Other Precautions:DON'T TAKE INTERNALLY. AVOID CONTACT W/EYES, SKIN/CLOTHING. AVOID BREATHING VAPOR/DUST/MIST. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:IF THE TLV IS EXCEEDED, USE A NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR.

V

entilation:LOCAL EXHAUST: AS NEEDED TO CONTROL VAPOR/DUST LEVELS TO BELOW RECOMMENDED LIMITS.

Protective Gloves:CLOTH/SYNTHETIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:CLEAN PROTECTIVE CLOTHING. EYE WASH STATION.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

Vapor Density:>1

Spec Gravity:1.3

pH:7

Evaporation Rate & Reference:SLOWER THAN N

-BU AC

Solubility in Water: