

FEL-PRO CHEMICAL PRODUCTSS LP -- 216 PLIABLE GASKET SEALER/GS-2/PLI-A-SEAL --  
8030-00-252-3391

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

Product ID:216 PLIABLE GASKET SEALER/GS-2/PLI-A-SEAL

MSDS Date:01/17/1997

FSC:8030

NIIN:00-252-3391

MSDS Number: CGJPC

=== Responsible Party ===

Company Name:FEL-PRO CHEMICAL PRODUCTSS LP

Address:3412 WEST TOUHY AVENUE

City:LINCOLNWOOD

State:IL

ZIP:60645-5000

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

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Box:1205

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State:IL

ZIP:60076-8205

Country:US

Phone:303-289-5651

CAGE:GO402

Company Name:FEL-PRO CHEMICAL PRODUCTS LP

Address:3412 WEST TOUHY AVE

Box:City:LINCOLNWOOD

State:IL

ZIP:60645

Country:US

Phone:303-289-5651

CAGE:05VH4

===== Composition/Information

on Ingredients =====

Ingred Name:ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL  
CARBINOL (IARC-GROUP 3) \*97-4\*  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 10%  
Other REC Limits:400 PPM  
OSHA PEL:400 PPM  
ACGIH TLV:400 PPM

Ingred Name:CLAY (KAOLIN), ALUMINUM SILICATE \*97-4\*  
CAS:1332-58-7  
RTECS #:GF1670500  
Fraction by Wt: >3%  
ACGIH TLV:10 MG/CUM TOTAL DUST

Ingred Name:CASTOR OIL, OXIDIZED \*97-4\*  
CAS:68187-84-8  
Fraction by Wt: >3%

Ingred Name:CALCIUM CARBONATE, DOMOLITE  
, LIMESTONE, WHITING \*97-4\*  
CAS:1317-65-3  
RTECS #:EV9580000  
Fraction by Wt: >3%  
Other REC Limits:5 MG/M3 RESP DUST  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/CUM TOTAL DUST

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: >3%

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

LD50 LC50 Mixture:ORAL LD50(RAT): 5045 MG/KG ISOPROPANOL  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Ch

ronic:EYES: SEVERELY IRRITATING. SKIN: MILD  
IRRITANT. INHALATION: HARMFUL, MAY CAUSE INJURY TO THE LUNGS,  
LIVER/KIDNEYS & RESPIRATORY TRACT IRRITATION. INGESTION:  
HARMFUL/FATAL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:DROWSINESS, IRRITATION, INTOXICATION,  
DEFATTING, REDNESS.

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

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

First Aid:EYES: FLUSH W/PL  
ENTRY OF WATER FOR 15 MINS. SKIN: WASH W/SOAP  
& WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF  
NEEDED. INGESTION: DON'T INDUCE VOMITING. GIVE A GLASS OF  
WATER/MILK. NEVER GI VE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  
OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:SCC

Flash Point:53F

Lower Limits:2.5

Upper Limits:12

Extinguishing Media:WATER FOG, CO2, DRY CHEMICAL, FOAM.

Fire Fighting

Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE  
CLOTHING. USE WATER TO COOL EXPOSED CONTAINERS. WATER STREAM MAY  
CAUSE FROTHING W/SUBSEQUENT SPREAD OF FLAME.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY RUPTURE/EXPLODE  
W/EXTREME HEAT. VAPORS ARE > THAN AIR & TRAVEL ALONG GROUND TO  
LOCATIONS DISTANT FROM IGNITION SOURCE/FLASHBACK.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION. DIKE/CONTAIN. WEA  
R  
APPROPRIATE PROTECTIVE EQUIPMENT DURING CLEANUP. ABSORB W/INERT  
MATERIAL, SUCH AS CLAY. SWEEP/SHOVEL INTO LOOSELY-COVERED WASTE  
CONTAINER & REMOVE TO APPROPRIATE WASTE AREA.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS & FLAME.  
KEEP CONTAINER CLOSED WHEN NOT IN USE. USE W/ADEQUATE VENTILATION.  
GROUND & BOND CONTAINERS WHEN TRANSFERRING.  
Other Precautions:KEEP OUT OF REACH OF CHILDREN. FOL

## LOW ALL PRECAUTIONS

EVEN AFTER CONTAINER IS EMPTIED, PRODUCT MAY RETAIN RESIDUES. AVOID CONTACT W/EYES, SKIN & CLOTHING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:IF TLV/PEL IS EXCEEDED, USE NIOSH APPROVED VAPOR CARTRIDGE RESPIRATOR.

Ventilation:LOCAL EXHAUST AS NEEDED.

Protective Gloves:BUTYL RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygie

nic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. FOLLOW GENERAL INDUSTRIAL SAFETY PRACTICES DURING USE.

Supplemental Safety and Health

DON'T SMOKE/EAT DURING USE. DON'T REUSE EMPTY CONTAINERS W/O COMMERCIAL CLEAN/RECONDITION.

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

Boiling Pt:B.P. Text:180F

Melt/Freeze Pt:M.P/F.P Text:>32F

Vapor Density:>1

Spec Gravity:1.25

VOC Pounds/Gallon:102

Evaporation Rate & Reference:SLOWER THAN BU AC

Solubility i

n Water:SLIGHT

Appearance and Odor:BLACK LIQUID W/ALCOHOL ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG LEWIS/MINERAL ACIDS, STRONG BASES/OXIDANTS. METALS, SURFACE-ACTIVE COMPOUNDS.

Stability Condition to Avoid:HEAT, SPARKS, FLAME, SOURCES OF IGNITION.

Hazardous Decomposition Products:OXIDES OF CARBON, AROMATIC & ALIPHATIC HYDROCARBONS.

### ===== Disposal Considerations =====

Wast

e Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL  
REGULATIONS. FLAMMABLE, UN1133.

===== Other Information =====

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