



## ULF GEL SDS

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### Technical Datasheet

The enclosed Safety Data Sheet (SDS) presents data based on the raw materials used in the preparation of our ULF Gel products, and is based on information obtained from our raw material supplier.

The toxicity information indicates that adverse effects are unlikely to result from exposure to these materials during industrial handling; they are unlikely to cause eye or skin irritation, and are unlikely to cause any adverse systemic injury from skin absorption, oral injection, or inhalation.

The cured ULF Gel material is also unlikely to pose a health hazard to industrial workers under ordinary use condition.

Please contact Gel-Pak® with any questions.

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### GEL-PAK

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**Website** [www.gelpak.com](http://www.gelpak.com)

Division of

**DELPHON**

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Proprietary Elastomeric Polymer  
SYNONYMS: Gel Product, ULF Product

MANUFACTURER: Gel-Pak  
ADDRESS: 31398 Huntwood Avenue, Hayward, CA 94544-7818

EMERGENCY PHONE: 510-576-2220  
FAX PHONE: 510-576-2282

CHEMICAL NAME: Proprietary  
CHEMICAL FAMILY: Proprietary  
CHEMICAL FORMULA: Proprietary

PREPARED BY: Rudy Bukovnik

SECTION 1 NOTES: None

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SECTION 2: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW:

ROUTES OF ENTRY:



Warning

## POTENTIAL HEALTH EFFECTS

EYES:	Direct contact may cause temporary redness and discomfort.
SKIN:	No significant irritation expected from a single short term exposure.
INGESTION:	Low ingestion hazard in normal use.
INHALATION:	No significant effects expected from a single short-term exposure.

ACUTE HEALTH HAZARDS: No known acute hazards during normal use.

CHRONIC HEALTH HAZARDS: No known chronic hazards during normal use.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No known applicable information

## CARCINOGENICITY

OSHA:	N/A	ACGIH:	N/A	NTP:	N/A	IARC:
OTHER:	N/A					

NFPA (National Fire Protection Agency) Ratings:

Health: 0

Flammability: 1

Instability/Reactivity: 0

## SECTION 2 NOTES:

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for detailed toxicology information.

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**


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## INGREDIENT:

CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
Proprietary formulation	N/A	N/A	N/A
	ppm	mg/m <sup>3</sup>	
OSHA PEL-TWA:	N/A		
OSHA PEL STEL :	N/A		
OSHA PEL CEILING:	N/A		
ACGIH TLV-TWA:	N/A		
ACGIH TLV STEL:	N/A		
ACGIH TLV CEILING:	N/A		

## SECTION 3 NOTES:

Proprietary Elastomeric Polymer Formulation

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**SECTION 4: FIRST AID MEASURES**


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## EYES:

If irritation occurs, flush eye(s) with lukewarm gently flowing water for 5 minutes. Obtain medical attention.

## SKIN:

No health effects expected. If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

## INGESTION:

If irritation or discomfort occurs, obtain medical advice.

## INHALATION:

If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

## NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Treat according to person's condition and specifics of exposure.

## SECTION 4 NOTES:

None

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**SECTION 5: FIRE-FIGHTING MEASURES**


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## FLAMMABLE LIMITS IN AIR, UPPER:

(% BY VOLUME) LOWER: None determined

## FLASH POINT:

>250°F (>121°C)

## AUTOIGNITION TEMPERATURE:

Not determined

## NFPA HAZARD CLASSIFICATION

HEALTH:	0	FLAMMABILITY:	1	REACTIVITY:	0
OTHER:	0				

## HMIS HAZARD CLASSIFICATION

HEALTH:	N/A	FLAMMABILITY:	N/A	REACTIVITY:	N/A
Protection:	N/A				

## EXTINGUISHING MEDIA:

Use dry chemical, foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water fog or fine water spray.

## SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: None

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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ACCIDENTAL RELEASE MEASURES: N/A

SECTION 6 NOTES: None

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**SECTION 7: HANDLING AND STORAGE**

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HANDLING AND STORAGE: Use with adequate ventilation. Avoid eye contact.

OTHER PRECAUTIONS: Use reasonable care and store away from oxidizing materials.

SECTION 7 NOTES: None

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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ENGINEERING CONTROLS:	None
VENTILATION :	Local ventilation should not be needed. General ventilation is recommended.
RESPIRATORY PROTECTION:	No respiratory protection should be needed.
EYE PROTECTION:	Use proper protection - safety glasses as a minimum. Avoid contact with eyes.
SKIN PROTECTION:	Washing before mealtime and end of shift is adequate.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	None
WORK HYGIENIC PRACTICES:	Handle in accordance with good industrial hygiene and safety practices.
EXPOSURE GUIDELINES:	There are no components of the Gel with workplace exposure limits.
SECTION 8 NOTES:	None

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE:	Colorless
ODOR:	Some odor
PHYSICAL STATE:	Soft Elastomer (Semi-solid)
pH:	Not determined
BOILING POINT:	>212°F (>100°C)
MELTING POINT:	Not determined

FREEZING POINT:	Not determined
VAPOR PRESSURE (mmHg):	Not determined
VAPOR DENSITY (AIR = 1):	Not determined
SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	Not determined
EVAPORATION RATE:	Not determined
SOLUBILITY IN WATER:	Insoluble
PERCENT SOLIDS BY WEIGHT:	>90%
PERCENT VOLATILE:	<1%
VOLATILE ORGANIC COMPOUNDS (VOC):	Not determined
MOLECULAR WEIGHT:	N/A
VISCOSITY:	N/A Solid

## SECTION 9 NOTES:

The above information is not intended for use in preparing product specifications.

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**SECTION 10: STABILITY AND REACTIVITY**


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STABILITY:	Stable
CONDITIONS TO AVOID (STABILITY):	None
INCOMPATIBILITY (MATERIAL TO AVOID):	Oxidizing material can cause a reaction
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Oxides of carbon on combustion
HAZARDOUS POLYMERIZATION:	None
CONDITIONS TO AVOID (POLYMERIZATION):	None
SECTION 10 NOTES:	None



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**SECTION 11: TOXICOLOGICAL INFORMATION**

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TOXICOLOGICAL INFORMATION: No known applicable information.

SECTION 11 NOTES: None

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**SECTION 12: ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION: No known applicable information.

SECTION 12 NOTES: None

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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WASTE DISPOSAL METHOD: Follow state or local regulatory requirements for disposal.

RCRA HAZARD CLASS: N/A

SECTION 13 NOTES: Not classified as hazardous waste under 40 CFR 261.

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**SECTION 14: TRANSPORT INFORMATION**

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U.S. DEPARTMENT OF TRANSPORTATION

Not subject to DOT.

WATER TRANSPORTATION

Not subject to IMDG code.

AIR TRANSPORTATION

Not subject to IATA regulations.

OTHER AGENCIES:

N/A

SECTION 14 NOTES:

None

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## SECTION 15: REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):  
None.

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS:

Follow state or local regulatory requirements for reporting

INTERNATIONAL REGULATIONS:

Follow any applicable international regulatory requirements.

SECTION 15 NOTES:

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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## SECTION 16: OTHER INFORMATION

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OTHER INFORMATION: None.

PREPARATION INFORMATION: None.

## DISCLAIMER:

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.