

**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<sup>®</sup> with any questions.

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**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

**SECTION 2: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW:****ROUTES OF ENTRY:****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.



Warning

**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****INGREDIENT:**

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Proprietary formulation	N/A	N/A	N/A
	<u>ppm</u>	<u>mg/m3</u>	
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

**SECTION 4: FIRST AID MEASURES**

- 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

**SECTION 5: FIRE-FIGHTING MEASURES**

- 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

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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: Insoluable  
 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

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**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

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** No known applicable information.

**SECTION 11 NOTES:** None

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** No known applicable information.

**SECTION 12 NOTES:** None

**SECTION 13: DISPOSAL CONSIDERATIONS**

**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.

**SECTION 14: TRANSPORT INFORMATION**

**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

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** N/A

**CECLA (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.

**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.