



## MATERIAL SAFETY DATA SHEET

Ver.2.9 Revised 1/14/2008

### I. SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

**Product Name:** Soy-Gel™

**FRANMAR CHEMICAL, INC.**  
502 West Taylor St. Bloomington, IL 61701  
(309) 452-7526

**Certified  
pH Level**  
6.80  
pH of 1/10 wt/wt solution  
in soft water



### II. CHEMICAL COMPOSITION AND DATA ON COMPONENTS

**Chemicals:** The precise composition of this product is proprietary information. A more complete disclosure will be provided to a physician in the event of a medical emergency.

### III. HAZARDS IDENTIFICATION

**Hazardous Ingredients:** N-Methyl Pyrrolidone

**SARA Hazards:** 40%-45% N-Methyl Pyrrolidone; CAS Number 872-50-4  
*Section 313*

**SARA Hazards:** None noted. All ingredients are TSCA listed.  
*Section 311/312*

### IV. FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with running water for 30 minutes. Retract eyelids often. Obtain immediate medical aid.

**Skin Contact:** Flush with running water for 15 minutes. If irritation persists, obtain medical aid. Remove contaminated clothing and launder before reuse.

**Ingestion:** Do not induce vomiting. Drink large amounts of water and immediately call a physician.

**Inhalation:** N/A

MSDS Information Data Sheet (cont.)  
Soy-Gel™

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### V. FIRE FIGHTING MEASURES

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<b>Flash Point:</b>	Above 200°F (PMcc)
<b>Flammable Limits:</b>	Not applicable.
<b>Extinguishing Media:</b>	Dry chemical, CO2, Water spray or Foam.
<b>Special Fire Fighting Procedures:</b>	Use water spray to cool containers.
<b>Unusual Fire &amp; Explosion Hazards:</b>	None known.

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### VI. ACCIDENTAL RELEASE MEASURES

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<b>Release or Spill:</b>	Contain the spill, wear protective clothing, hold for disposal.
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### VII. HANDLING AND STORAGE

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<b>Handling and Storage:</b>	Keep out of reach of children.
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### VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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<b>Respiratory Protection:</b>	Not required.
<b>Ventilation:</b>	Not required. Mechanical generally sufficient.
<b>Protective Gloves:</b>	Neoprene or equivalent.
<b>Eye Protection:</b>	Chemical goggles.
<b>Protective Clothing or Equipment:</b>	As required. Observe eye wash and safety shower locations.
<b>Work Hygienic Practices:</b>	Avoid eye and skin contact.

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### IX. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Boiling Point:</b>	Above 300°F
<b>Vapor Pressure:</b>	< .5 mmHg @ 20°C
<b>Specific Gravity:</b>	>1
<b>Solubility In Water:</b>	Emulsifiable
<b>Appearance and Color:</b>	Clear, heavy viscosity liquid, mild odor
<b>Melting Point:</b>	Below 32°F
<b>Evaporation Rate:</b>	Less than 1 (n-butyl acetate=1)

MSDS Information Data Sheet (cont.)  
Soy•Gel™

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## X. STABILITY AND REACTIVITY

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**Stability:** Stable  
**Conditions to Avoid:** Strong oxidizing agents.

**Hazardous Decomposition  
or By-Product:** Produces carbon monoxide and carbon dioxide on combustion.  
**Hazardous  
Polymerization:** Will not occur.

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## XI. TOXICOLOGICAL INFORMATION

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**Routes of Entry:** Ingestion, eyes and skin contact.  
**Health Hazards:** May cause moderate eye irritation. May cause delayed skin irritation.  
May be harmful if swallowed in large amounts.  
**Carcinogenicity:** Not listed by NTP, IARC, OSHA.  
**Eye Contact:** May cause eye irritation.  
**Skin Contact:** Chronic skin contact may cause primary irritant dermatitis.  
**Ingestion:** May be harmful if swallowed.  
**Inhalation:** N/A  
**Medical Conditions  
Generally Aggravated  
By Exposure:** Preexisting skin disorders.

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## XII. ECOLOGICAL INFORMATION

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**Environmental Fate:**

**Environmental Effects:**

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## XIII. DISPOSAL CONSIDERATIONS

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**Waste Disposal:** Dispose of in accordance with all existing local, state, and federal ordinances.

MSDS Information Data Sheet (cont.)  
Soy-Gel™

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**XIV. TRANSPORT INFORMATION**

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**UN Hazard Class:**

**DOT Transportation  
Data:**

**NMF:**  
*(National Motor Freight Classification)*

**Proper Shipping Name:**

**Identification Number:**

**Packing Group:**

**Shipping Classification:**

**DOT Classification:**

**DOT Proper Shipping  
Name:**

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**XV. REGULATIONS**

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**Other Regulatory  
Requirements:**

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**XVI. OTHER INFORMATION**

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The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.