

# Product Information Sheet



## Description

### **Environmental Remediation Removal System**

**SoyGreen® EnviroGel** is a custom blend of EnviroClear available to manufacturers and private label customers only. EnviroGel-4 and EnviroGel-9 are recommended viscosities for various applications; fragrance and coloring can be customized per specifications. EnviroGel-4 is a thick viscosity ideal for vertical or spray applications, while EnviroGel-9 is a gel or paste like consistency for applications with a trowel or putty knife. EnviroGel has been specifically formulated to remove multiple layers of oil and latex paints, but it will also remove many other coatings like epoxies, urethanes, elastomers and chlorinated rubber. It is designed for use on a variety of substrates including wood, brick, stone, plaster, metal, fiberglass, graphite and steel and is ideal for use in the marine, automotive and aerospace industries. EnviroGel replaces products based on methylene chloride, MEK and other highly flammable solvents typically found in paint removers.

*Available in 5 gallon pails and 55 gallon drums; custom orders only.*

## Directions

**Application:** EnviroGel is a thick paste that is typically trowled onto the surface being stripped. The soy based EnviroGel is a low VOC\*, non evaporative product which allows long dwell times. When the stripping action is complete multiple layers of nonhazardous paint may be hosed or pressure washed away.

**Hazardous Materials:** SoyGreen® EnviroGel is the safest method of removing lead paint because the gel doesn't evaporate under normal conditions. EnviroGel will keep the painted surfaces from drying out and will not allow the creation of airborne lead dust. During the removal of asbestos tiles, EnviroGel creates a seal of the mastic and prevents asbestos dust from becoming airborne.

## Safety Data

### Caution:

Eye Irritant. Avoid contact with eyes. As with all solvents always use suitable safety glasses and gloves.

### First Aid:

**Eyes:** Flush with water for 15 minutes. If irritation continues, call a physician.

**Skin:** Wash off with soap and water. **Ingestion:** Seek medical attention. **Inhalation:** Remove to fresh air.

**Keep out of reach of children.**

## Technical Data

**Type:** Solvent

**Appearance:** Per Specifications

**Scent:** Mild

**pH @ 1% Solution:** 5.0

**Flash Point:** >237°F

**Boiling Point:** >600°F

**Melting Point:** 30°F

**Specific Gravity:** 0.994

**VOC Percentage:** <50%



**Soy Technologies**

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\*VOC Compliant

# MATERIAL SAFETY DATA SHEET

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### Section I — Identification

Product Name: SoyGreen® EnviroGel  
Chemical Name: Soy-Based Mixture  
Chemical Family: Trade Secret  
Chemical Formula: Trade Secret

HMIS:		NFPA:	
Health:	1	Health:	1
Flammability:	1	Flammability:	1
Physical Hazard:	0	Reactivity:	0
PPE:	B	Special Hazard:	None

### Section II — Composition Information on Ingredient

Trade Secret - Specific chemical identities will be made available to medical professionals and others as required by 29 CFR 1910.1200 (i) (iv)

Composition:	N-Methyl-2-Pyrrolidone	Weight:	< 40%
OSHA TWA: NK	ACGIH TLV:M	CAS Number:	872-50-4

### Section III — Hazards Identification

#### Health Hazards (Acute and Chronic):

Acute: May cause eye irritation. May cause abdominal discomfort, nausea, and diarrhea if swallowed.  
Chronic: No known adverse effects.

Medical Conditions Generally Aggravated by Exposure: None known

### Section IV — First Aid Measures

Inhalation: Remove to fresh air.  
Skin: Wash thoroughly with soap and water. Remove soiled clothing and wash before reuse.  
Ingestion: Get medical attention.  
Eyes: DO NOT RUB EYES. Immediately flush thoroughly with plenty of water. Get medical attention. If discomfort or symptoms develop, get medical attention.

### Section V — Fire and Explosion Hazard Data

Flash Point (Method Used): > 237°F- Open Cup  
Flammable Limits: Not determined  
Extinguishing Media: Water spray, dry chemical, foam and CO<sub>2</sub>.  
Fire Fighting Procedures: Treat as oil fire. Use water spray to cool fire-exposed containers.  
Fire and Explosion Hazards: Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to spontaneous combustion. This product contains antioxidants to retard oxidation.

### Section VI — Accidental Release Measures

Avoid uncontrolled releases of this material into the environment. Contain spilled material. Where necessary, collect using absorbent media. Transfer to secure labelled containers.

### Section VII — Precautions for Safe Handling and Use

#### Precautions to be taken in handling and storing:

Store upright in a cool, dry well ventilated area, in tightly closed containers away from combustible materials, material used in combination with any other materials or in any other applications. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated.

### Section VIII — Exposure Controls/Personal Protection

**Ventilation/Engineering Controls:** Adequate general ventilation  
**Respiratory protection:** None required where adequate ventilation conditions exist.  
**Eye protection:** Chemical splash goggles recommended.  
**Skin protection:** Impervious gloves recommended.  
**Other protective clothing or equipment:** Wear suitable clothing to avoid skin contact.  
**Work/Hygienic practices:** Do not smoke in areas of storage or use. Avoid contact with eyes. Wash with soap and water immediately after handling.

### Section IX - Physical and Chemical Characteristics

Boiling Point: > 600°F  
Vapor Pressure (mm Hg.): Not determined  
Vapor Density (Air = 1): Not determined  
Solubility in Water: Partially soluble  
Specific Gravity (H<sub>2</sub>O = 1): 0.994  
Melting Point: 30°F  
Evaporation Rate (But Ac =1): Not determined  
Appearance: Per Specifications  
Odor: Mild

### Section X — Stability and Reactivity

Stability: Stable  
Conditions to Avoid: Excessive heat or open flame.  
Incompatibility (Materials to Avoid): Strong oxidizing agents. Acids  
Hazardous Decomposition Byproducts: CO and CO<sub>2</sub> may be produced.  
Hazardous Polymerization: Will not occur.

### Section XI — Toxicological Information

Eye irritant. This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as a probable or suspected human carcinogens.

### Section XII — Ecological Information

Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

### Section XIII — Disposal Considerations.

Disposal of all product and used clean up materials must be in accordance with all applicable federal, state and local regulations.

### Section XIV — Transport Information

Not regulated.

### Section XV — Regulatory Information

U.S. FEDERAL REGULATIONS:

#### TOXIC SUBSTANCES CONTROL ACT (TSCA)

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es): Eye Irritant.

#### STATE REGULATIONS:

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This product contains one or more chemicals known to the State of California to cause reproductive toxicity. Consult the regulations of the given state.

#### INTERNATIONAL REGULATIONS:

Consult the regulations of the importing country.

### Section XVI — Other Information

MSDS is reliable to the best of the company's knowledge. For detailed MSDS, contact company at 859-881-1200 or download at [www.soytek.com](http://www.soytek.com).