

Product Information Sheet



Description

SoyGreen® PolyStripper is a cost effective, low VOC*, environmentally sound solvent specifically formulated to strip polyurethanes, paints and similar finishes. PolyStripper is a non-flammable, biodegradable, safe replacement for strippers containing methylene chloride. It's soy based formula is enhanced with man made cosolvents and natural thickeners making it ideal for stripping both floors and vertical surfaces. SoyGreen® PolyStripper leaves surfaces in a ready to refinish condition, unlike damaging methylene chloride strippers. PolyStripper can be sprayed on yet has sufficient viscosity to adhere to vertical surfaces. Therefore working times can be extended up to 12 hours for tough stripping applications. PolyClear is a liquid without a thickening agent, and is available in bulk to manufacturers only. *PolyStripper available in gallons, 5 gallon pails and 55 gallon drums.*

Directions

Dilution: SoyGreen® PolyStripper contains no water and is intended to be used undiluted. Apply with brush or sprayer. Test all sprayers, brushes and surfaces to be treated for solvent compatibility. Avoid contact with plastics.

Wood and Tile Floors: Spot test for finish compatibility prior to use. Spray or pour on flooring and allow 15 to 45 minutes to activate. Monitor activity. Dwell times may be extended up to 12 hours with no adverse effects. Wash or brush away old finish or remove with suitable extraction equipment. Properly dispose of residue.

Paint Stripping: Test items to be stripped for compatibility. Spray or brush on a thin layer of PolyStripper and monitor activity, watching for paint to bubble. Rinse, scrape or wipe away residue.

Graffiti Removal: Spot test area to be treated first. Apply with a sprayer or brush. Monitor activity to prevent removal of undercoat. Wipe off or remove with water. Brushing may be necessary on textured or porous surfaces.

Always use solvent safe eyeshields, boots and gloves and avoid skin contact - see MSDS.

Safety Data

Caution:

Eye irritant and mild skin irritant. Avoid contact with eyes. Always use suitable safety glasses, boots 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:** Dilute with water and induce vomiting. Seek medical attention.

Inhalation: Remove to fresh air at first sign of headache or nausea.

Keep out of reach of children.

Technical Data

Type: Solvent

Appearance: Golden Yellow Highly Viscous Liquid

Scent: Mild

pH @ 1% Solution: Neutral

Flash Point: >237°F

Boiling Point: >600°F

Melting Point: 30°F

Specific Gravity: 0.975

VOC Percentage: 7.44%



*VOC Compliant

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MATERIAL SAFETY DATA SHEET

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Section I — Identification

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

HMS:		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:	< 30%
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 CO₂.
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 ₂ O = 1):	0.965 - 0.975
Melting Point:	30°F
Evaporation Rate (But Ac =1):	Not determined
Appearance:	PolyClear PolyStripper
Odor:	Golden yellow liquid Light Brown viscous liquid 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 ₂ 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.