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## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Name:** Stego Mastic

**Product Form:** Water-based emulsion

### Intended Use of the Product

Designed to be used as a vapor retardant membrane for use in conjunction with Stego® Wrap

### Company Name, Address, and Telephone of the Responsible Party

Stego Industries, LLC  
216 Avenida Fabricante #101  
San Clemente, CA 92672 USA

### Emergency Telephone Number

**Emergency Number:** 1 (800) 424-9300 (24 Hrs.) CHEMTREC

**Main Contact Number:** (877) 464-7834

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### Classification (GHS-US):

H225 – Flam. Liq. 2  
H226 – Flam. Liq. 3  
H304 – Asp. Tox. 1  
H319 – Eye Irrit. 2A  
H340 – Muta. 1B  
H350 – Carc. 1B  
H351 – Carc. 2  
H400 – Aquatic Acute 1  
H411 – Aquatic Chronic 2

### Label Elements

#### GHS- US Labeling

#### Hazard Pictograms (GHS-US):



**Signal Word (GHS-US):** Danger

#### Hazard Statements (GHS-US):

H225 – Highly flammable liquid and vapor.  
H226 – Flammable liquid and vapor.  
H304 – May be fatal if swallowed and enters airways.  
H319 – Causes serious eye irritation.  
H340 – May cause genetic defects by route of exposure if conclusively proven that no other route applies.  
H350 – May cause cancer by route of exposure if conclusively proven that no other route applies.  
H351 – Suspected of causing cancer by route of exposure if conclusively proven that no other route exposes.  
H400 – Very toxic to aquatic life.  
H411 – Toxic to aquatic life with long lasting effects.

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**SECTION 2: HAZARDS IDENTIFICATION *Continued...***

**Precautionary Statements (GHS-US):**

- P201 – Obtain special instructions before use.
- P202 – Do not handle until all safety precautions have been read and understood.
- P210 – Keep away from heat.
- P233 – Keep container tightly closed.
- P240 – Ground/bond container and receiving equipment.
- P241 – Use explosion-proof electrical/ventilating/equipment.
- P242 – Use only non-sparking tools.
- P243 – Take precautionary measures against static discharge.
- P264 – Wash face, hands, and any exposed skin thoroughly after handling.
- P273 – Avoid release to the environment.
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.
- P281 – Use personal protective equipment as required.
- P303 + P361 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313 – If exposed or concerned: Get medical advice/attention.
- P337 + P313 – If eye irritation persists: Get medical attention/advice.
- P370 + P378 – In case of fire: Use extinguishing media for extinction.
- P391 – Collect spillage.
- P 403 + P235 – Store in a well-ventilated place. Keep cool.
- P405 – Store lock up.
- P501- Dispose of contents/container according to local, regional, national, and international regulations.

**Other Hazards**

**Other Hazards Not Contributing to the Classification:** Not available.

**Unknown Acute Toxicity (GHS-US)**

No data available.

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

**Substance**

Not available.

**Mixture**

Name	CAS Number	% by WT	Classification (GHS-US)
Asphaltic Cement	8052-42-4	50 – 65%	H225 – Flam. Liq. 2 H319 – Eye Irrit. 2A H351 – Carc. 2
Water	7732-18-5	20 – 45%	Not Classified
Elastomeric Polymer	Proprietary	0 – 20%	Not Classified
Additives	Mixture	0 – 6%	Not Classified
Stoddard	8052-41-3	0 – 5%	H226 – Flam. Liq. 3 H304 – Asp. Tox. 1 H340 – Muta. 1B H350 – Carc. 1B H400 – Aquatic Acute 1 H411 – Aquatic Chronic 2

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## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**First-Aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

**First-Aid Measures After Inhalation:** Move to fresh air. Oxygen or artificial respiration if needed. If symptoms persist, call a physician.

**First-Aid Measures After Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

**First-Aid Measures After Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**First-Aid Measures After Ingestion:** Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder. Dry chemical.

**Unsuitable Extinguishing Media:** Do not use a solid water stream as it may scatter and spread fire.

### Special Hazards Arising From the Substance or Mixture

No information available.

### Advice for Firefighters

**Fire-Fighting Instructions:** Exercise caution when fighting any chemical fire.

**Protection During Fire-Fighting:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Evacuate personnel to safe areas.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES** *Continued...*

**Methods and Material for Containment and Cleaning Up**

**For Containment and Clean Up:** Dike with inert absorbent material (e.g. dry sand or earth). Take precautionary measures against static discharges. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal. Dispose of as common waste.

**Reference to Other Sections**

See Section 8, Exposure Controls and Personal Protection.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**

Avoid contact with skin and eyes. Ensure adequate ventilation.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Keep container tightly closed. Keep in properly labeled containers. Keep out of the reach of children.

**Incompatible Materials:** Not available.

**Installation Temperature Range:** 40-100°F (surface)

**In-Service Temperature Range:** 10-115°F (surface and surrounding)

**Exposure to Ultraviolet Radiation/Weather Events:** The amount of time between when Stego Mastic is installed and when concrete is placed or other complete protection from sunlight and weather events is provided should be minimized while not exceeding 7 days.

Please review the remainder of the SDS and relevant technical data sheets for storage and additional information. If any of the conditions cited above pose a problem for the typical installation of the Stego Mastic, please contact Stego Industries for additional information and solutions.

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

**Control Parameters**

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Petroleum Asphalt	TWA: 0.5 mg/m <sup>3</sup>		TWA: 0.5 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/ m <sup>3</sup>
Stoddard Solvent	TWA: 100 ppm	TWA: 2900 mg/m <sup>3</sup> TWA: 500 ppm	TWA: 525 mg/m <sup>3</sup>	STEL: 200 ppm STEL: 1050 mg/ m <sup>3</sup> TWA: 523 mg/ m <sup>3</sup> TWA: 100 ppm

Chemical Name	NIOSH IDLH
Stoddard Solvent	20,000 mg/m <sup>3</sup>

**Exposure Controls**

**Appropriate Engineering Controls:** Do not allow ventilation equipment to draw material odors indoors.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.



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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION *Continued...*

**Hand Protection:** Protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

**Hygiene Measure:** Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

**Other Information:** When using, do not eat, drink, or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Brown/black liquid
<b>Odor</b>	Slight Odor
<b>Odor Threshold</b>	Not Available
<b>pH</b>	9.5-11.5
<b>Relative Evaporation Rate (butyl acetate = 1)</b>	Not Available
<b>Melting Point</b>	Not Available
<b>Freezing Point</b>	32°F / 20°C
<b>Boiling Point</b>	212°F / 100°C
<b>Flash Point</b>	>400°F / 204°C
<b>Auto-ignition Temperature</b>	>700°F / >371°C
<b>Decomposition Temperature</b>	Not Available
<b>Flammability (solid, gas)</b>	Not Available
<b>Lower Flammability Limit</b>	Not Available
<b>Upper Flammability Limit</b>	Not Available
<b>Vapor Pressure</b>	Not Available
<b>Relative Vapor Density at 68°F (20°C)</b>	>1 (air = 1)
<b>Relative Density</b>	Not Available
<b>Specific Gravity</b>	>1.0
<b>Solubility</b>	Partly miscible
<b>Partition Coefficient: n-octanol/water</b>	Not Available
<b>Explosion Data – Sensitivity to Mechanical Impact</b>	Not Available
<b>Explosion Data – Sensitivity to Static Discharge</b>	Not Available
<b>VOC Content</b>	<30 g/L

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous polymerization does not occur.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Contact with strong oxidizing agents may create gelling and water condensation.

**Incompatible Materials:** No materials to be especially mentioned.

**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide. Hydrocarbons.

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**SECTION 11: TOXICOLOGICAL INFORMATION** *Continued...*

**Information on Toxicological Effects – Ingredient(s)**

**LD50 and LC50 Data:**

Asphalt (8052-42-4)	
LD50 Oral Rat	>5,000 mg/kg
LD50 Dermal Rabbit	>2,000 mg/kg

**Carcinogenicity Data:**

Asphalt (8052-42-4)	
IARC Group	2B
National Toxicity Program (NTP) Status	Twelfth Report – Items under consideration

**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity – Ingredients**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**Persistence and Degradability**

No information available for this product.

**Bioaccumulative Potential – Product**

No information available for this product.

**Bioaccumulative Potential – Ingredients**

No information available for this product.

**Mobility in Soil**

No information available for this product.

**Other Adverse Effects**

Other Information: Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** Dispose of in accordance with local, state, and federal regulations.

**Additional Information:** Empty containers should be taken for local recycling, recovery or waste disposal.

**SECTION 14: TRANSPORT INFORMATION**

**In Accordance with DOT**

**Proper Shipping Name** Non-Regulated Material

**In Accordance with IMDG**

**Proper Shipping Name** Non-Regulated Material

**Hazard Class**

**Identification Number**

**Packing Group**

**Marine Pollutant**

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**SECTION 14: TRANSPORT INFORMATION** *Continued...*

**In Accordance with IATA**

**Proper Shipping Name** Non-Regulated Material  
**Hazard Class**  
**Identification Number**  
**Packing Group**  
**Marine Pollutant**

**In Accordance with TDG**

**Proper Shipping Name** Non-Regulated Material.  
**Hazard Class**  
**Identification Number**  
**Packing Group**  
**Marine Pollutant**

**SECTION 15: REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Petroleum Asphalt	X	X	--	X	--	--	X	X	X	X
Stoddard Solvent	X	X	X	X	X	X	X	X	X	X

**TSCA:** Complies  
**DSL:** Complies  
**NIDSL:** Complies  
**EINECS:** Complies  
**ELINCS:** Complies  
**ENCS:** Complies  
**CHINA:** Complies  
**KECL:** Complies  
**PICCS:** Complies  
**AICS:** Complies

**US Federal Regulation**

**Asphalt (8052-42-4):** Listed on the United States Toxic Substances Control Act (TSCA) Inventory.  
**Elastomeric Polymer (Proprietary):** Listed on the United States Toxic Substances Control Act (TSCA) Inventory.  
**California Proposition 65:** This product contains no known Proposition 65 chemicals.

**State-Right-to-Know**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Petroleum Asphalt	X	X	X		X
Stoddard Solvent	X	X	X		X

**Canada Regulations**

All components are listed in the WHMIS DSL.  
**WHMIS Classification:** Not classified.

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## SECTION 16: OTHER INFORMATION

**Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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<http://www.stegoindustries.com/legal>