



Material Safety Data Sheet

Revised: 03-26-2010

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SECTION 1: PRODUCT AND COMPANY INFORMATION

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Product Name: Green-Lock™ Membrane Adhesive
Product Code: 7301
Chemical Family: Silyl terminated polyether
Product Use: Moisture cure adhesive

TRANSPORTATION EMERGENCY ASSISTANCE: 1-800-762-8225 (24hrs)

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS # | % by Wt. |
|--------------|-----------|-------------|
| Amino Silane | 1760-24-3 | Proprietary |
| Asphalt | 8052-42-4 | Proprietary |

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview

Appearance: Brown

OHSA Regulatory Status: This material is not considered hazardous under the OHSA standard.

WHMIS Classification: D2B

HMIS HAZARD RATINGS

H: 0 F:0 R: 0 PP: B

DEGREE OF HAZARD: 4=EXTREME; 3=HIGH; 2=MODERATE; 1=SLIGHT; 0=INSIGNIFICANT

Potential Health Effects:

Routes of Entry: Dermal contact, Eye

Acute Eye Contact: Direct contact can cause severe irritation

Acute Skin Contact: Direct contact may cause slight irritation

Skin Absorption: Not Toxic

Acute Inhalation: Product is extremely low in volatility and therefore not likely to pose a problem from inhalation.

Acute Ingestion: May be harmful if ingested, not a likely route of entry.

Chronic Effects of Exposure: Repeated or prolonged direct contact the eyes may cause chemical burns. Repeated or prolonged direct contact to the skin may cause dermatitis. Long term direct skin exposure to Asphalt may increase sensitivity to the sun and cause discoloration.

Medical Conditions Aggravated by Exposure: Preexisting skin and eye disorders may be aggravated by direct contact to this product.

Carcinogenicity: There are no components in this product that are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

SECTION 4: FIRST AID MEASURES

Eyes: Flush with large amount of water for at least 15 minutes. Consult a physician if ill effects or irritation occurs.

Skin: Clean product from affected area with ethyl alcohol, then wash with soap and water.

Inhalation: An unlikely route of entry. Remove to fresh air. Consult a physician.

Ingestion: An unlikely route of entry. Consult a physician.

SECTION 5: FIRE FIGHTING MEASURES

Special fire Fighting Instructions: None. Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

Extinguishing Media: Water, CO₂, dry chemical foam.

Unusual fire and Explosion Hazards: None. This product is not considered flammable.

Flash Point: Not Applicable

Upper Flammable Limit: Not Applicable

Lower Flammable Limit: Not Applicable

Autoignition temperature: Not Applicable

Sensitivity to Impact: Not Applicable

Sensitivity to Static Discharge: Not Applicable

Hazardous Combustion Products: Thermal decomposition may produce toxic fumes of carbon monoxide (CO), carbon dioxide (CO₂), sulfur oxides (SO_x), and hydrogen sulfide (H₂S).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Use personal protection recommended in section 8.

Methods for Cleaning Up: Collect spill with absorbent material such as cardboard, allow to cure and place into a container approved for waste disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.

Storage: Store in a cool dry area (this product polymerizes when in contact with moisture.)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: No established limits.

Engineering Controls: No specific controls are needed.

Personal Protective Equipment:

Eye Protection: Wear safety glasses or goggles to avoid eye contact.

Skin Protection: Wear impervious gloves such as vinyl to minimize contact with skin.

Respiratory Protection: Not required.

Work/Hygienic Practices: Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------|---|-------------------------|--------------------|
| Physical State | Liquid (reacts with moisture to become a firm synthetic rubber) | Specific Gravity (g/mL) | Heavier than water |
| Appearance | Brown colored paste | Density (lbs/gal) | 11.2 |
| Odor | Mild hydrocarbon odor | pH | Not established |
| Boiling Point | Not established | Evaporation Rate | Not applicable |
| Freezing Point | Not established | Viscosity | ~60,000 cP |
| Vapor Density (air=1) | >1 | Vapor Pressure (mmHg) | Not established |

SECTION 10: STABILITY AND REACTIVITY

Stability: Considered stable.

Conditions to avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

Reactivity: Hazardous reaction will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Information below is based on Amino Silane. (Refer to sections 2 and 3.)

Oral: Result: LD₅₀ > 2,000mg/kg. Remark: very low order of toxicity.

Skin Absorption: Result: LD₅₀ > 2,000 mg/kg. Remark: very low order of toxicity.

Skin Direct Contact: Result: Slight irritation.

Eye Direct Contact: Result: Severe irritation. Remark: Causes corneal injury

Inhalation: Result: LC₅₀ Not acutely toxic.

Exposure Limits: Not applicable

Sensitization: No

Reproductive Toxicity: No

Mutagenicity: No

Teratogenicity: No

Synergistic Products: None

SECTION 12: ECOLOGICAL INFORMATION

No known applicable information.

SECTION 13: DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

SECTION 14: TRANSPORT INFORMATION

| | | |
|-----------------------------|------------------------------|-----------------------------|
| U.S. Domestic Ground | Proper Shipping Name: | Not regulated for transport |
| | DOT Hazard Class: | N/A |
| | UN Number: | N/A |
| | Packing Group: | N/A |

| | | |
|--------------------------|------------------------------|-----------------------------|
| U.S. Domestic Air | Proper Shipping Name: | Not regulated for transport |
| | DOT Hazard Class: | N/A |
| | UN Number: | N/A |
| | Packing Group: | N/A |

| | | |
|---------------------|------------------------------|-----------------------------|
| Canadian TDG | Proper Shipping Name: | Not regulated for transport |
| | DOT Hazard Class: | N/A |
| | UN Number: | N/A |
| | Packing Group: | N/A |

| | | |
|--------------------------|------------------------------|-----------------------------|
| International Air | Proper Shipping Name: | Not regulated for transport |
| | DOT Hazard Class: | N/A |
| | UN Number: | N/A |
| | Packing Group: | N/A |

SECTION 15: REGULATORY INFORMATION

OHSA: 29 CFR 1910-1200: Irritant

TSCA Chemical Inventory: All of the chemicals in this product are listed on the TSCA Inventory.

TSCA Sec 4 Chemical Test Rule: None of the chemicals in this product are under a Chemical Test rule.

TSCA Sec 8(d): None of the chemicals in this product are on the Health and Safety Reporting List.

TSCA Sec 12(b) Notices of Export: None of the chemicals in this product are on this list.

TSCA Significant New Use Rule (SNUR): None of the chemicals in this product are on this list.

CERCLA Reportable Quantity: Not Applicable

SARA Sec 302 (EHS): None

SARA Sec 311/312: Immediate (acute) health hazard

SARA Sec 313 List: None

RCLA: Refer to Section 13.

California Proposition 65: This product contains no levels of listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm.

SECTION 16: OTHER INFORMATION

This document was prepared in accordance with 29 CFR 1910.1200

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.