



MATERIAL SAFETY DATA SHEET

Print Date:5/1/13

PRODUCT NAME: ECO-FLEX 9500
COLOR: CANVAS

REVISION DATE: May 1st 2013

1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Product Name: ECO-FLEX 9500
Product Classification: Hybrid Elastomeric Sealant / Adhesive
Manufacturer:

Silco Inc.
7635 St. Clair Avenue
Mentor, OH 44060

PHONE: 440-975-8886
FAX: 440-975-8887

Website: www.silco-inc.com

General Description: Silyl terminated polyether
Physical Form: Paste
Product Use: Moisture Cure Sealant
Color: Canvas
Odor: Some odor

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Concentration</u>
Calcium Carbonate	1317-65-3	40 - 60%
Titanium Dioxide	13463-67-7	4 - 10 %
Proprietary Polymers	-----	15 - 30%
Amino Silane	1760-24-3	1 – 5% Hazardous Ingredient

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Health.....1

Flammability.....0

Reactivity.....0

Protective Equipment..... B

Routes of Entry: Inhalation, Dermal and Eye

Acute Eye Contact: Can cause severe irritation

Acute Skin Contact: Can 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.

Chronic Effects of Exposure: Repeated or prolonged direct contact to the eyes may cause chemical burns. Repeated or prolonged direct contact to skin may cause a dermatitis.

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 the NTP, IARC, ACGIH or OSHA.

4. FIRST AID MEASURES

INHALATION: Remove to fresh air. Consult a physician immediately.

SKIN CONTACT: Immediately remove product from skin with dry cloth or towel, and wash exposed area with detergent.

EYES CONTACT: Immediately flush with plenty of water for at least 15 minutes and promptly call a physician.

INGESTION: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT: Not applicable (Solid)

FLAMMABLE LIMITS: LOWER: Not determined UPPER: Not determined

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide or fine water spray

SPECIAL FIRE FIGHTING PROCEDURE: None

UNUSUAL FIRE AND EXPLOSION HAZARD: None. This product is considered non flammable.

Sensitivity to Static Discharge: Not applicable

Sensitivity to Impact: Not applicable

Autoignition Temperature: Not applicable



MATERIAL SAFETY DATA SHEET

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in section 8.
Contain the spill or leak. Scrape up with rag or other material and place in container.

7. HANDLING AND STORAGE

PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE:
Keep container closed when not in use. Store in a cool place. Keep away from heat, sparks and flame. Do not lay the container on its side. Use only with adequate ventilation. Avoid prolonged breathing vapor. Avoid contact with eyes and skin. Contact lens wearers take appropriate precaution. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: No established limits.
Engineering Controls: No specific controls needed.
Personal Protective Equipment:
- Eye Protection: Wear safety glasses or goggles to avoid contact.
- Skin Protection: Nitrile gloves or impervious gloves to minimize skin contact.
RESPIRATORY PROTECTION (specify type): Use NIOSH approved equipment only. For exposure above the exposure limit, use a respirator that has been selected by an industrial hygienist or other technically qualified person for the specific work conditions. If respirators are used, OSHA requires compliance with its respiratory program.
Work/Hygienic Practices: Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

9. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: Not established
FREEZING POINT: Not established
VAPOR PRESSURE: Not established
VOC Content: 19 grams per liter (less water)
pH: Not established
VAPOR DENSITY: (air=1): >1
SPECIFIC GRAVITY: 1.66
MELTING POINT: Not applicable.
EVAPORATION RATE: Not applicable
SOLUBILITY IN WATER: Not soluble.
APPEARANCE (color): Canvas
APPEARANCE (form): Paste
ODOR: Slight ester odor



MATERIAL SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITION TO AVOID: None Known.
INCOMPATIBILITY (material to avoid): None Known.
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: None Known.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None Known.

11. TOXICOLOGICAL INFORMATION

Information below refers to Amino Silane. (Refer to section 2 & 3.)

Oral Result: LD50 >2,000 mg/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.

12. ECOLOGICAL CONSIDERATIONS

BIODEGRADATION: Not applicable.
BIOACCUMULATION: No information is available.
AQUATIC TOXICITY: No information is available.
OTHER INFORMATION: None

13. DISPOSAL CONSIDERATIONS

Can be land-filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose the emptied container unlawfully. Observe all federal, state & local laws.



MATERIAL SAFETY DATA SHEET

14. TRANSPORT INFORMATION

Special Shipping Information – None.
DOT – Not regulated.
TDG – Not available.
PIN – Not available.

15. REGULATORY INFORMATION

Prepared in accordance with 29 CFR 1910.1200
OSHA 29 CFR 1910-1200 – Irritant.
TSCA – All components of this product are listed on TSCA Inventory.
CERCLA Reportable Quantity – Not applicable.
SARA Title III:
- Section 302: Extremely Hazardous Substances – None.
- Section 304: Not applicable.
- Section 311/312: Immediate (acute) health hazard.
- Section 313: None.
RCRA: 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.
WHIMS Classification: D2B

16. OTHER INFORMATION

Prepared by: Silco Inc.

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

<http://www.silco-inc.com>