

MATERIAL SAFETY DATA SHEET

1. Product Information

Product Name: Join Link™ Chemical Family: silyl terminated polyether Product Code: CL 010

2. Composition/Information on Ingredients

Ingredient Name	CAS Number	Concentration
Amino Silane	1760-24-3	1 - 5 %

3. Hazards Identification

HMIG: Health - 1 Flammability - 0 Protective Equipment - B

Primary Routes of Exposure: 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 on entry.

Chronic effects of exposure - Repeated or prolonged direct contact to the eyes may cause chemical burns. Repeated or prolonged direct contact to the 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 NTP, IARC, ACGIH or OSHA.

4. First Aid Measures

Eyes - Flush with large amounts 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.

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.

Flashpoint - 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 and/or Carbon dioxide.

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 and place into a container approved for waste disposal.

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)

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.

9. Physical & Chemical Properties

Physical State - Paste (reacts with moisture to become a firm synthetic rubber)

Odor and appearance - Mild ester odor, thick paste of various colors

pH - Not established

Specific Gravity - Varies from color to color. All colors are heavier than water

Density - approx 13.35 lbs/gal

Vapor Density (air = 1) - >1

Vapor Pressure (mmHg) - Not established

Evaporation Rate - Not applicable

Boiling Point - Not established

Freezing Point - Not established

Coefficient of Water/Oil Distribution - Not established

Viscosity - approx 800,000 - 1,000,000 cP

10. Stability & 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

11. Toxicological Information

Information below is based on Amino Silane (refer to sections 2 and 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 Information - No applicable data

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.

This product becomes a firm synthetic rubber when cured. Please allow to cure before disposal.

14. Transport Information

Special Shipping Information - None
DOT - Not regulated
TDG - Not available
PIN - Not available

15. Regulatory Information

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 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.

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Manufactured by: CL in MI

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