

Section 1. Product and Company Information

Product Name **DuraSil**
 CHEM LINK INC.
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 Schoolcraft, MI 49087, USA
 Tel: 269-679-4440
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EMERGENCY CONTACTS

Call Chemtrec: USA: 1-800-424-9300
 International: (703) 527-3887
 Product Use: Sealant
 Chemical Family: Mixture
 SDS Prepared: 19-Feb-15
 SDS Prepared by: CHEM LINK Product Safety Group

Section 2. Hazards Identification

Hazardous classification: Irritant Category 2
 Signal Words: **Warning**
 Hazardous Statements:
 H315 Causes skin Irritation.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.

Precautionary Statements:

P273: Avoid release to the environment.
 P280: Wear protective gloves/protective clothing/eye protection.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes.
 + P338 Remove contact lenses, if present and easy to do. Continue rinsing.
 P501: Dispose of contents/container in accordance with local regulation.

R-phrases:

R38 Irritating to skin.
 R41 Risk of serious damage to eyes.
 R43 May cause sensitization by skin contact.

S-phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S39 Wear eye/face protection.

Carcinogenicity: This product contains no ingredient listed as a carcinogen on California Proposition 65 list.

Label: Pictogram**HMIG**

Health	1
Flammability	0
Reactivity	0

Section 3. Composition / Information on Ingredients**HAZARDOUS INGREDIENTS**

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Concentration</u>
Methyl-O,O',O"- butan-2-on-trioximo-silane	22984-54-9	1-5%

Section 4. First Aid Measures

First Aid For Skin: Clean product from affected area with Ethyl alcohol, then wash with soap and water.
 First Aid For Eyes: Flush with large amounts of water for at least 15 minutes. Consult a Physician if ill effects or irritation occurs.
 First Aid for Inhalation: An unlikely route of entry. Remove to fresh air. Consult a physician.
 First Aid For Ingestion: An unlikely route of entry. Consult a physician.

Section 5. Fire Fighting Measures

DuraSil

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.
 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, Carbon dioxide, Sulfur oxides and Hydrogen

Section 6. Accidental release measures

Handling Precautions: Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.
 Cleanup: Collect spill with absorbent material such as cardboard, allow to cure and place into a container approved for waste disposal.
 Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7. Handling and Storage

Handling Precautions: Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.
 Prevention of fires and explosions: Product is not considered flammable under normal conditions, and product is not considered explosive.
 Storage Requirements: Store in a cool dry area (this product polymerizes when in contact with moisture.)

Section 8. Exposure Controls / Personal Protection

Hand protection: Wear impervious gloves such as vinyl to minimize contact with skin.
 Eye protection: Wear safety glasses or goggles to avoid eye contact.
 Skin protection: Wear impervious gloves such as vinyl to minimize contact with skin.
 Environmental exposure control: No specific controls are needed.

Section 9. Physical and Chemical Properties

Physical State:	Water Solubility: Insoluble	% Volatile: 3.30%
Appearance and Odor:	Paste, mild mint scent	VOC: 33 g/l
Freezing/Melting Point(°C):	NA	Flash Point: NA°C (Tag closed cup)
Odor Threshold (ppm):	NA	Autoignition Temperature: NA
Vapor Pressure:	<1	pH: NA
Vapor Density (Air=1):	>1	Flash Point Method: Based on FP of the most volatile component.
Density:	8.3 lbs./gal. (calculated)	LEL: NA UEL: NA
Specific Gravity:	0.99	

Section 10. Stability and Reactivity

Stability :	Considered Stable.	Hazardous	Thermal decomposition
Conditions to Avoid :	None known.	Decomposition	may produce toxic fumes
Incompatible Materials :	None known.	Products:	of CO and /or CO2.

Section 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.

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

Section 14. Transport Information

Special Shipping Information	None.
DOT	Not regulated.
Hazard class or division:	None
Identification number:	None
Packing group:	None
International Air Transportation (ICAO/IATA)	
Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None
Water Transportation (IMO/IMDG)	
Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

Section 15. Regulatory Information**Rotterdam Convention (PIC) Annex III:** listed (Tributyl tin compounds (impurities) <2ppm)**US 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 Carcinogens:	This product does not contain any chemicals known by the State of California to cause cancer.
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California Proposition 65 Reproductive Toxins:	This product does not contain any chemicals known by the State of California to cause reproductive harm.
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WHIMS Classification – D2B

Section 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 SDS contains all of the information required by the CPR.

To the best of our knowledge, the information contained herein is accurate. However CHEM LINK INC. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although we have described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist.
