

**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

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**Material Name:** Solvent Free EPDM Bonding Adhesive

**Chemical Family:** Mixture

**Product Use:** Moisture cure sealant.

**Restrictions on Use:** For industrial use only.

**Manufacturer Information**

Carlisle SynTec  
1285 Ritner Highway  
Carlisle, PA 17013  
USA  
Phone: +1-800-479-6832  
Emergency Phone #: +1-800-424-9300 (CHEMTREC)

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**Section 2 - HAZARDS IDENTIFICATION**

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**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Hazardous classification: Irritant Category 2

**GHS Label Elements**

**Symbol(s)**



**Signal Word: Warning**

**Hazard Statement(s)**

H315 Causes skin irritation  
H317 May cause allergic skin reaction  
H318 Causes serious eye damage

**Precautionary Statement(s)**

P273 Avoid release into 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.

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**R-Phrases**

R38 Irritating to skin.

R41 Risk 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.

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

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent
1760-24-3	Amino Silane	1-3

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### Section 4 - FIRST AID MEASURES

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**Inhalation**

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

**Skin**

Clean product from affected area with Ethyl alcohol, then wash with soap and water.

**Eyes**

Flush with large amounts of water for at least 15 minutes. Consult a Physician if ill effects or irritation occurs.

**Ingestion**

An unlikely route of entry. Consult a physician.

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### Section 5 - FIRE FIGHTING MEASURES

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**Extinguishing Media**

Water, CO2, Dry Chemical, Foam.

**Unusual Fire and Explosion Hazards:** None

**Flashpoint:** N/A.

**Upper Flammability Limit:** N/A

**Lower Flammability Limit:** N/A



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**Auto Ignition Temperature:** N/A

**Sensitivity to Impact:** N/A

**Sensitivity to Static Discharge:** N/A

**Hazardous Combustion Products:** Thermal decomposition may produce toxic fumes of Carbon Monoxide, Carbon dioxide, Sulfur oxides and Hydrogen sulfide.

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### Section 6 - ACCIDENTAL RELEASE MEASURES

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**Handling Precautions:** Wear personal protective clothing and equipment, see 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).

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### Section 7 - HANDLING AND STORAGE

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**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.)

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Eye/face protection:** Wear safety glasses or goggles to avoid eye contact.

**Skin Protection:** Wear appropriate work clothing. Wear protective shoes. Recommended material: protective skin cream.

**Environmental Exposure Control:** No specific controls are needed.

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

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### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Paste, mild mint scent	<b>Physical State</b>	Water Solubility: Insoluble
<b>Odor Threshold</b>	N/A	<b>pH</b>	N/A
<b>Melting Point</b>	N/A	<b>Flash Point</b>	N/A
<b>Freezing point</b>	N/A	<b>Flash Point Method</b>	Based on FP of the most volatile component
<b>Autoignition</b>	N/A	<b>Vapor Pressure</b>	<1
<b>Lower Explosive Limit</b>	N/A	<b>Specific Gravity (water=1)</b>	0.97
<b>Upper Explosive Limit</b>	N/A	<b>% Volatile</b>	1.16%
<b>Vapor Density (air=1)</b>	>1	<b>VOC</b>	11.28 g/l
<b>Density</b>	8.1 lbs./gal. (calculated)		

**Other Information**

No additional information available.

### Section 10 - STABILITY AND REACTIVITY

**Chemical Stability**

Stable under normal conditions of use.

**Conditions to Avoid**

None Known

**Incompatible Materials**

None Known

**Hazardous decomposition products**

Thermal decomposition may produce toxic fumes of Carbon monoxide (CO) and/or (CO<sub>2</sub>).

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### Section 11 - TOXICOLOGICAL INFORMATION

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**Amino Silane (Refer to sections 2 and 3)**

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

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

Inhalation: LC50 Not acutely Toxic.

**Skin Direct Contact:** Slight irritation

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

**Exposure Limits:** Not applicable

**Sensitization:** No

**Reproductive Toxicity:** No

**Mutagenicity:** No

**Teratogenicity:** No

**Synergistic Products:** None

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### Section 12 - ECOLOGICAL INFORMATION

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No known applicable information.

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### Section 13 - DISPOSAL CONSIDERATIONS

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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.

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### Section 14 - TRANSPORT INFORMATION

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**Special shipping information:** None

**DOT:** Not regulated

**TDG:** Not available

**PIN:** Not available

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**Section 15 - REGULATORY INFORMATION**

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**Rotterdam Convention (PIC) Annex III: listed (Tributyl tin compounds (impurities) <2ppm)**

**U.S. 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.

**California Proposition 65 Reproductive Toxins:** This product does not contain any chemicals known by the State of California to cause reproductive harm.

**Canadian WHMIS Classification- D2B**

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**Section 16 - OTHER INFORMATION**

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**HMIG Rating**

Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

**Summary of Changes**

Revision Date: June 1, 2018

Revision Note: General Update

**Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA -



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Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### Other Information

#### Disclaimer:

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