



Carlisle Roof Foam and Coatings Safety Data Sheet

1. Identification of Substance:

Product Name: Seal-Tek Silicone Sealant

Supplier Identification:

Carlisle Roof Foam and Coatings

Telephone:

(770) 607-0755

Address:

100 Enterprise Dr.
Cartersville, GA 30120

24-Hr. Emergency Phone Number:

CHEMTREC (800) 424-9300
INTERNATIONAL: +1-(703) 527-3887

Product Use: Silicone sealant

2. Hazards Identification:

GHS Ratings:

Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: \geq 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitizer	1	Skin sensitizer
Mutagen	1B	Known to produce heritable mutations in human germ cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1A	Known Human Carcinogen Based on human evidence
Reproductive toxin	2	Human or animal evidence possibly with other information
Organ toxin repeated exposure	1	Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure

GHS Hazards

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H340	May cause genetic defects
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P260	Do not breathe dust/fume/gas/mist/vapors/spray
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash hands thoroughly after handling

P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P314	Get Medical advice/attention if you feel unwell
P321	Specific treatment is urgent (see Section 4 First Aid measures)
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	Get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container in accordance with existing federal, state, and local environmental control laws.

Signal Word: Danger



Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: May cause irritation & burns.

Conditions Aggravated: Unknown

Chronic Effects: Possible harmful target organ effects.

3. Composition/Data on Components:

Chemical Name	CAS number	Weight Concentration %
Limestone	1317-65-3	50.00% - 60.00%
Stoddard solvent	8052-41-3	1.00% - 5.00%
Silica, amorphous, fumed, crystalline-free	112945-52-5	1.00% - 5.00%
2-Butanone, O,O',O''-(methylsilylydyne)trioxime	22984-54-9	1.00% - 5.00%

4. First Aid Measures:

Inhalation: If symptoms ensue, move to fresh air. If breathing is difficult, give oxygen.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so, and continue rinsing.

After Skin Contact: Clean affected area with soap and plenty of water.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically

5. Fire Fighting Measures:

Flash Point: >300°F, 140°C

LEL: N/A

UEL: N/A

Upper and lower explosive limits listed if known.

Suitable Extinguishing Agents: Water spray, CO2, Foam, Dry chemical

Information about Protection against Explosions and Fires: Closed containers may rupture when exposed to extreme heat.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, oxides of silicon.

Protective Equipment: Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures:

Person-Related Safety Precautions: Avoid contact with skin and eyes.

Measures for Environmental Protection: Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations.

Small Spills: Absorb with earth, sand or other absorbent material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece) Clean surface thoroughly to remove residual contamination.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use an absorbent material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

7. Handling and Storage:

Information for Safe Handling: Avoid contact with skin or inhalation.

Storage Requirements: Store in dry, well ventilated area. Avoid contact with moisture. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

Regulatory Requirements: Store according to all local, state, and federal regulations.

8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Limestone 1317-65-3	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	Not Established	NIOSH: 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)
Stoddard solvent 8052-41-3	500 ppm TWA; 2900 mg/m ³ TWA	100 ppm TWA	NIOSH: 350 mg/m ³ TWA 1800 mg/m ³ Ceiling (15 min)

Silica, amorphous, fumed, crystalline-free 112945-52-5	Not Established	Not Established	Not Established
2-Butanone, O,O',O''-(methylsilylydine)trioxime 22984-54-9	Not Established	Not Established	Not Established

Engineering Controls: Use local exhaust ventilation to maintain airborne concentrations below the TLV, especially if heating or spraying. Use only in a well ventilated area to keep vapors below exposure limits. Use local exhaust ventilation if necessary.

General Protective and Hygienic Measures: Usual precautionary measures should be adhered to when handling chemicals.

Personal Protective Equipment:

Respiratory Protection: Do not inhale vapors. Use NIOSH approved respiratory protection if TLV/PEL is exceeded. Do not enter storage area unless adequately ventilated.

Hand Protection: Protective butyl rubber or nitrile rubber gloves.

Eye Protection: Chemical safety goggles.

Body Protection: Impervious protective work clothing. Launder separately.

Contaminated Gear: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

9. Physical and Chemical Properties:

Physical properties listed where known.

<p>Appearance: Various colored liquid</p> <p>Vapor Pressure: N/A</p> <p>Vapor Density: N/A</p> <p>Specific Gravity: 1.30</p> <p>Freezing point: N/A</p> <p>Boiling range: N/A</p> <p>Evaporation rate: N/A</p> <p>Explosive Limits: N/A</p> <p>Autoignition temperature: 226°C</p>	<p>Odor: Mild solvent odor</p> <p>Odor threshold: N/A</p> <p>pH: N/A</p> <p>Melting point: N/A</p> <p>Solubility: N/A</p> <p>Flash point: >300°F, 140°C</p> <p>Flammability: N/A</p> <p>Partition coefficient (n-octanol/water): N/A</p> <p>Decomposition temperature: N/A</p>
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10. Stability and Reactivity:

Incompatible Materials: Avoid contact with moisture, strong acids, strong bases, oxidizing and reducing agents.

Hazardous Polymerization: Not expected to occur.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, oxides of silicon, traces of HCN.

11. Toxicological Information:

Mixture Toxicity

Component Toxicity

Toxicity Values Listed if Known

Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: May cause irritation & burns.

Chronic Effects: Possible harmful target organ effects.

Routes of Entry: Ingestion, inhalation, skin contact, eye contact

Target Organs: Eyes, skin, reproductive system.

Chemicals with Known or Possible Carcinogenic Effects:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
1317-65-3	Limestone	50 to 60%	Limestone:
8052-41-3	Stoddard solvent	1 to 5%	Stoddard solvent: EU REACH: Present (P)

12. Ecological Information:

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13.

Individual component ecotoxicity listed if known.

Component Ecotoxicity

13. Disposal Considerations:

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

Empty Container Precautions: Recondition or dispose of empty container in accordance with governmental regulations. If container is to be disposed, ensure all product residues are removed and container is empty prior to disposal.

14. Transport Information:

DOT Regulated Components:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	None			

15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: Acute health hazard, chronic health hazard.

**California Proposition 65
(Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute unless otherwise listed:

WARNING: This product can expose you to chemicals listed below, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit www.P65Warnings.ca.gov

Quartz 14808-60-7 Trace CARC
Benzene 71-43-2 Trace CARC

Massachusetts Right To Know List:

Stoddard solvent 8052-41-3 1 to 5 %
Limestone 1317-65-3 50 to 60 %

New Jersey Right To Know List:

Stoddard solvent 8052-41-3 1 to 5 %
Limestone 1317-65-3 50 to 60 %

Pennsylvania Right To Know List:

Stoddard solvent 8052-41-3 1 to 5 %
Limestone 1317-65-3 50 to 60 %

SARA 302 Extremely Hazardous Substances:

- None

Chemicals subject to SARA 313 Reporting:

- None

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
Canada	Canada DSL	Yes
US	Toxic Substances Control Act	Yes

16. Other Information:

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Carlisle Roof Foam and Coatings. The data on these sheets relates only to the specific material designated herein. Carlisle Roof Foam and Coatings assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.

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Reviewer Revision