



# Carlisle Spray Foam Insulation Safety Data Sheet

## 1. Identification of Substance:

Product Name: SEALTITE PRO VRC-2

### Supplier Identification:

Carlisle Spray Foam Insulation

### 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: Vapor barrier coating

## 2. Hazards Identification:

### GHS Ratings:

Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
Skin sensitizer	1	Skin sensitizer
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity

### GHS Hazards

H317	May cause an allergic skin reaction
H320	Causes eye irritation
H350	May cause cancer

### GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash hands thoroughly after handling
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
P321	Specific treatment is urgent (see Section 4 First Aid measures)
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
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists: 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:** Irritating to eyes.

**Skin:** Irritating to skin.

**Inhalation:** Not expected to be a route of exposure.

**Ingestion:** Consult physician.

**Conditions Aggravated by Exposure:** None known.

**Chronic Effects:** Possible harmful target organ effects.

**3. Composition/Data on Components:**

Chemical Name	CAS number	Weight Concentration %
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	25265-77-4	1.00% - 5.00%
2-(3,4-Epoxy cyclohexyl)ethyltriethoxysilane	10217-34-2	0.10% - 1.00%
Quartz	14808-60-7	0.10% - 1.00%

**4. First Aid Measures:**

**Inhalation:** 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: >200°F, 93°C

LEL: N/A

UEL: N/A

**Upper and lower explosive limits listed if known**

**Suitable Extinguishing Agents:** Water spray, CO<sub>2</sub>, 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, hydrocarbons.

**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. 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:**

<b>Chemical Name / CAS No.</b>	<b>OSHA Exposure Limits</b>	<b>ACGIH Exposure Limits</b>	<b>Other Exposure Limits</b>
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate 25265-77-4	Not Established	Not Established	Not Established
2-(3,4-Epoxy-cyclohexyl)ethyltriethoxysilane 10217-34-2	Not Established	Not Established	Not Established
Quartz 14808-60-7	0.05 mg/m <sup>3</sup> TWA (respirable dust)	0.025 mg/m <sup>3</sup> TWA (respirable dust)	NIOSH: 0.05 mg/m <sup>3</sup> TWA (respirable dust)

**Engineering Controls:** No specific measures required if proper PPE precautions are followed.

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

**Respiratory Protection:** None required if work area is properly ventilated.

**Protection of Hands:** Protective chemical resistant gloves.

**Eye Protection:** Safety glasses.

**Body Protection:** 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.

<b>Appearance:</b> Off white liquid	<b>Odor:</b> Mild
<b>Vapor Pressure:</b> N/A	<b>Odor threshold:</b> N/A
<b>Vapor Density:</b> N/A	<b>pH:</b> 7-9
<b>Specific Gravity:</b> 1.25	<b>Melting point:</b> N/A
<b>Freezing point:</b> N/A	<b>Solubility:</b> N/A
<b>Boiling range:</b> N/A	<b>Flash point:</b> >200°F, 93°C
<b>Evaporation rate:</b> N/A	<b>Flammability:</b> N/A
<b>Explosive Limits:</b> N/A	<b>Partition coefficient (n-octanol/water):</b> N/A
<b>Autoignition temperature:</b> N/A	<b>Decomposition temperature:</b> N/A

## 10. Stability and Reactivity:

**Incompatible Materials:** Avoid contact with acids, bases, oxidizing agents, reducing agents, anhydrous metal chlorides, ammonia, amines, group 1 metals.

**Hazardous Polymerization:** Not expected to occur.

**Dangerous Products of Decomposition:** Oxides of carbon, hydrocarbons.

## 11. Toxicological Information:

Mixture Toxicity

Component Toxicity

### Toxicity Values Listed if Known

#### Acute Toxicity:

**Eyes:** Irritating to eyes.

**Skin:** Irritating to skin.

**Inhalation:** Not expected to be a route of exposure.

**Ingestion:** Consult physician.

**Chronic Effects:** Possible harmful target organ effects.

**Routes of Entry:** Eye contact, skin contact.

**Target Organs:** Skin, eyes.

**Chemicals with Known or Possible Carcinogenic Effects:**

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
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**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**

2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	96 Hr LC50 Pimephales promelas: 30 mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 18.4 mg/L
2-(3,4-Epoxy-cyclohexyl)ethyltrietho xysilane	96 Hr LC50 Fish: 42.3 mg/L 72 Hr EC50 Algae: 36 mg/L 48 Hr EC50 Crustacea: 58 mg/L

**13. Disposal Considerations:**

**Recommendation:** Observe local requirements. Dispose of in accordance with local/state/federal environmental control laws.

**Empty Container Precautions:** Empty containers retain product residue; observe all precautions for product. Do not heat or cut empty container with electric or gas torch because highly toxic vapors and gases are formed. Do not reuse without thorough commercial cleaning and reconditioning. If container is to be disposed, ensure all product residues are removed and container is empty prior to disposal. Contact the Reusable Industrial Packaging Association (RIPA) at 301-577-3786 to find a drum re-conditioner in North America ([www.reusablepackaging.org](http://www.reusablepackaging.org)).

**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](http://www.P65Warnings.ca.gov)

Quartz 14808-60-7 0.1 to 1.0 % CARC

**Massachusetts Right To Know List:**

Quartz 14808-60-7 0.1 to 1.0 %

**New Jersey Right To Know List:**

2-(3,4-Epoxy cyclohexyl)ethyltriethoxysilane 10217-34-2 0.1 to 1.0 %

Quartz 14808-60-7 0.1 to 1.0 %

**Pennsylvania Right To Know List:**

2-(3,4-Epoxy cyclohexyl)ethyltriethoxysilane 10217-34-2 0.1 to 1.0 %

Quartz 14808-60-7 0.1 to 1.0 %

**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 Spray Foam Insulation. The data on these sheets relates only to the specific material designated herein. Carlisle Spray Foam Insulation 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.

Date revised: 2022-02-21  
Date Prepared: 2/21/2022

Reviewer Revision 0