



Carlisle Roof Foam and Coatings Safety Data Sheet

1. Identification of Substance:

Product Name: Prime-Tek Epoxy Primer A

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: Epoxy primer

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
Carcinogen	1A	Known Human Carcinogen Based on human evidence

GHS Hazards

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious 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)
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

Signal Word: Danger**Acute Toxicity:****Eyes:** Minor potential for irritation.**Skin:** Minor potential for irritation.**Inhalation:** Not expected to be a route of exposure.**Ingestion:** Consult physician.**Conditions Aggravated:** None known.**Chronic Effects:** Not expected to cause any adverse chronic health effects.**3. Composition/Data on Components:**

Chemical Name	CAS number	Weight Concentration %
Limestone	1317-65-3	50.00% - 60.00%
Bisphenol A-epichlorohydrin polymer	25068-38-6	40.00% - 50.00%
Titanium dioxide	13463-67-7	1.00% - 5.00%
Ethylene Oxide	75-21-8	0.10% - 1.00%
1,4-Dioxane	123-91-1	0.10% - 1.00%
Acetaldehyde		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: N/A

LEL:

UEL:

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, 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 non-combustible 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 a non-combustible 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:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Limestone 1317-65-3	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	Not Established	NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Bisphenol A-epichlorohydrin polymer 25068-38-6	Not Established	Not Established	Not Established
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
Ethylene Oxide 75-21-8	1 ppm TWA 5 ppm STEL	1 ppm TWA	Not Established
1,4-Dioxane 123-91-1	100 ppm TWA	20 ppm TWA	Not Established
Acetaldehyde	200 ppm TWA	25 ppm Ceiling	Not Established

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.

Appearance: White liquid	Odor: Faint aromatic odor
Vapor Pressure: N/A	Odor threshold: N/A
Vapor Density: N/A	pH: N/A
Specific Gravity: 1.41	Melting point: N/A
Freezing point: N/A	Solubility: N/A
Boiling range: 2500 - 3000°C	Flash point: 999°F, 999°C
Evaporation rate: N/A	Flammability: N/A
Explosive Limits: N/A	Partition coefficient (n-octanol/water): N/A
Autoignition temperature: N/A	Decomposition temperature: N/A

10. Stability and Reactivity:

Incompatible Materials: Avoid contact with isocyanates and strong oxidizing agents.

Hazardous Polymerization: Not expected to occur.

Dangerous Products of Decomposition: Oxides of carbon, hydrocarbons.

11. Toxicological Information:

Mixture Toxicity

Component Toxicity

123-91-1

1,4-Dioxane

Oral LD50: 4,200 mg/kg (Rat) Inhalation LC50: 49 mg/L (Rat)

Toxicity Values Listed if Known

Acute Toxicity:

Eyes: Minor potential for irritation.

Skin: Minor potential for irritation.

Inhalation: Not expected to be a route of exposure.

Ingestion: Consult physician.

Chronic Effects: Not expected to cause any adverse chronic health effects.

Routes of Entry: Eye contact, skin contact.

Target Organs: None known.

Chemicals with Known or Possible Carcinogenic Effects:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
123-91-1	1,4-Dioxane	0.1 to	1,4-Dioxane: IARC group 2B - Possibly carcinogenic to humans
1317-65-3	Limestone	50 to	Limestone:
13463-67-7	Titanium dioxide	1 to 5%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
75-07-0	Acetaldehyde	0.1 to	Acetaldehyde: IARC group 1 - Carcinogenic to humans, 2B - Possibly carcinogenic to humans
75-21-8	Ethylene Oxide	0.1 to	Ethylene Oxide: Known Human Carcinogens In OSHA Specifically Regulated Carcinogen list

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:

Agency Proper Shipping Name
None

UN Number Packing Group Hazard Class

15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: None.

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

Acetaldehyde 0.1 to 1.0 % CARC
Ethylene Oxide 75-21-8 0.1 to 1.0 % CARC
1,4-Dioxane 123-91-1 0.1 to 1.0 % CARC
Titanium dioxide 13463-67-7 1 to 5 % CARC

Massachusetts Right To Know List:

Titanium dioxide 13463-67-7 1 to 5 %
Limestone 1317-65-3 50 to 60 %

New Jersey Right To Know List:

Titanium dioxide 13463-67-7 1 to 5 %
Limestone 1317-65-3 50 to 60 %

Pennsylvania Right To Know List:

Titanium dioxide 13463-67-7 1 to 5 %
Limestone 1317-65-3 50 to 60 %

SARA 302 Extremely Hazardous Substances:

Ethylene Oxide 75-21-8 0.1 to 1.0 %

Chemicals subject to SARA 313 Reporting:

1,4-Dioxane 123-91-1 0.1 to 1.0 % Emissions
Acetaldehyde 0.1 to 1.0 % Emissions
Ethylene Oxide 75-21-8 0.1 to 1.0 % Emissions

<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