



Carlisle Roof Foam and Coatings Safety Data Sheet

1. Identification of Substance:

Product Name: Prime-Tek Epoxy Primer B

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

2. Hazards Identification:

GHS Ratings:

Flammable liquid	4	Flash point $\geq 60^{\circ}\text{C}$ (140 $^{\circ}\text{F}$) and $\leq 93^{\circ}\text{C}$ (200 $^{\circ}\text{F}$)
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	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity

GHS Hazards

H227	Combustible liquid
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
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P235	Keep cool
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
P370+P378	In case of fire: See Section 5 for extinguishing measures
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container in accordance with existing federal, state, and local environmental control laws.

Signal Word: Danger



Acute Toxicity:

Eyes: Severe irritant, may cause possible damage to cornea.

Skin: May cause irritation, redness, swelling, and blistering.

Inhalation: Mucous membrane and respiratory tract irritant, tightness of chest, headache, shortness of breath, and asthma like symptoms.

Ingestion: Gastrointestinal irritation, nausea, diarrhea, central nervous system depression.

Conditions Aggravated by Exposure: Skin disorders, respiratory disorders, and eye disorders.

Chronic Effects: Possible harmful target organ effects.

3. Composition/Data on Components:

Chemical Name	CAS number	Weight Concentration %
Limestone	1317-65-3	40.00% - 50.00%
Fatty acids, C18-unsaturated, dimers, reaction products with Polyethylenepolyamines	68410-23-1	20.00% - 30.00%
Solvent naphtha, petroleum, light aromatic	64742-95-6	20.00% - 30.00%
Carbon black	1333-86-4	0.10% - 1.00%

4. First Aid Measures:

After Inhalation: If person experiences nausea, headache, or dizziness, person should stop work immediately and move to fresh air until symptoms disappear.

If breathing is difficult, administer oxygen and call physician.

If person is unconscious move to fresh air and call physician immediately.

If breathing has stopped, administer artificial respiration and call physician immediately.

After Eye Contact: Severe eye irritant that could cause permanent damage.

Rinse opened eye for at least 15 minutes under running water.

Remove contact lenses if present and easy to do so, and continue rinsing.

Call a physician at once.

After Skin Contact: Moderately toxic via skin absorption. Clean affected area with soap and plenty of water. Call a physician at once.

After Swallowing: Contact the nearest poison control center and follow the directions they provide.

Notes to Physician: Treat symptomatically. May cause cardiac arrhythmias. Aspiration hazard.

5. Fire Fighting Measures:

Flash Point: >140°F, 60°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, hydrocarbons.

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

6. Accidental Release Measures:

Person-Related Safety Precautions: Evacuate all non-essential personnel. Remove all sources of ignition.

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

7. Handling and Storage:

Information for Safe Handling: Do not breathe fumes, vapors or mists. Use only with adequate ventilation. Avoid contact with skin or eyes. Immediately report spills or leaks.

Information about Protection against Explosions and Fires: Closed containers may explode when exposed to extreme heat. Avoid electrical (static) discharge. Do not store above 100°F.

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)

Fatty acids, C18-unsaturated, dimers, reaction products with Polyethylenepolyamines 68410-23-1	Not Established	Not Established	Not Established
Solvent naphtha, petroleum, light aromatic 64742-95-6	Not Established	Not Established	Not Established
Carbon black 1333-86-4	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable fraction)	NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)

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 chemical resistant gloves.

Eye Protection: Face shield with safety glasses.

Body Protection: Protective non-flammable cotton 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: Grey liquid</p> <p>Vapor Pressure: N/A</p> <p>Vapor Density: N/A</p> <p>Specific Gravity: 1.39</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: 280°C</p>	<p>Odor: Aromatic 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: >140°F, 60°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 isocyanates, strong reducing and strong oxidizing agents,

and peroxides.

Hazardous Polymerization: Not expected to occur.

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

11. Toxicological Information:

Mixture Toxicity

Component Toxicity

Individual Toxicity Values Listed if Known

Acute Toxicity:

Eyes: Severe irritant, may cause possible damage to cornea.

Skin: May cause irritation, redness, swelling, and blistering.

Inhalation: Mucous membrane and respiratory tract irritant, tightness of chest, headache, shortness of breath, and asthma like symptoms.

Ingestion: Gastrointestinal irritation, nausea, diarrhea, central nervous system depression.

Chronic Effects:

Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

Conditions Aggravated by Exposure: Skin disorders, respiratory disorders, and eye disorders.

Routes of Entry: Inhalation, ingestion, skin contact, eye contact

Target Organs: Respiratory tract, digestive tract, eyes, skin, central nervous 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	40 to 50%	Limestone:
1333-86-4	Carbon black	0.1 to 1.0%	Carbon black: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
64742-95-6	Solvent naphtha, petroleum, light aromatic	20 to 30%	Solvent naphtha, petroleum, light aromatic: 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

Solvent naphtha, petroleum, light aromatic 96 Hr LC50 Oncorhynchus mykiss: 9.22 mg/L
48 Hr EC50 Daphnia magna: 6.14 mg/L

13. Disposal Considerations:

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

14. Transport Information:

DOT Regulated Components:

Contains Petroleum Distillates.

Reportable Quantity: Containers with less than 119 L ship as non-regulated for ground transportation. For all other situations the material ships as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Flammable liquid, Resin Solution (Contains Solvent naphtha, petroleum, light aromatic)	1993	III	3
ICAO/IAT	Flammable liquid, Resin Solution (Contains Solvent naphtha, petroleum, light aromatic)	1993	III	3
IMDG	Flammable liquid, Resin Solution (Contains Solvent naphtha, petroleum, light aromatic)	1993	III	3

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, fire hazard.

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

Carbon black 1333-86-4 0.1 to 1.0 % CARC

Carbon Black only requires Proposition 65 notification when in dust form and particles of respirable size

Massachusetts Right To Know List:

Carbon black 1333-86-4 0.1 to 1.0 %

Limestone 1317-65-3 40 to 50 %

New Jersey Right To Know List:

Carbon black 1333-86-4 0.1 to 1.0 %

Limestone 1317-65-3 40 to 50 %

Pennsylvania Right To Know List:

Carbon black 1333-86-4 0.1 to 1.0 %

Limestone 1317-65-3 40 to 50 %

SARA 302 Extremely Hazardous Substances:

- None

Chemicals subject to SARA 313 Reporting:

- None

Country

Canada

Regulation

Canada DSL

All Components Listed

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

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