



## Safety Data Sheet

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

Prime-Tek TPO III Primer

**Product Use**

Solvent based roofing primer

**Restrictions on Use**

For industrial use only.

**Manufacturer Information**

Carlisle Roof Foam and Coatings

100 Enterprise Dr.

Cartersville, GA 30120

Phone: +1-770-607-0755

Emergency Phone #: +1-800-424-9300 (CHEMTREC)

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### Section 2 - HAZARDS IDENTIFICATION

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**GHS Ratings:**

Flammable liquid – Category 2

Skin Corrosive – Category 2

Eye Corrosive – Category 2A

Organ toxin single – Category 3  
exposure

Flash point < 23°C and initial boiling point > 35°C (95°F)

Reversible adverse effects in dermal tissue, Draize score:  $\geq 2.3 < 4.0$  or persistent inflammation

Eye irritant: Subcategory 2A, Reversible in 21 days

Transient target organ effects- Narcotic effects- Respiratory tract irritation

**GHS Hazards**

H225	Highly flammable liquid and vapor
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

**GHS Precautions**

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof equipment when handling
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash hands thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P312	Call POISON CENTER or doctor/physician if you feel unwell
P321	Specific treatment is urgent (see Section 4 First Aid measures)
P362	Take off contaminated clothing and wash before reuse

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P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313	If skin irritation 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+P233	Store in a well ventilated place. Keep container tightly closed
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:** Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	70.00% - 80.00%
67-64-1	Acetone	10.00% - 20.00%

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### Section 4 - FIRST AID MEASURES

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**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.

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

**After Eye Contact:** Severe eye irritant. 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:** May cause drying of skin resulting in skin irritation and dermatitis. Clean affected area with soap and plenty of water.

**After Swallowing:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed. Do not induce vomiting. Contact the nearest poison control center and follow the directions they provide

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

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### Section 5 – FIRE FIGHTING MEASURES

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Flash Point: -15°C (5°F)

LEL: N/A

UEL: N/A

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

**Suitable Extinguishing Agents:** Water fog, CO<sub>2</sub>, Foam, Dry chemical

**Information about Protection against Explosions and Fires:** Closed containers may rupture when exposed to extreme heat. If exposed to fire, keep containers cool by spraying with water. Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

**Dangerous Products of Decomposition:** Oxides of carbon, hydrocarbons, chlorine compounds, fluorine compounds.

**Protective Equipment:** Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

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### Section 6 - ACCIDENTAL RELEASE MEASURES

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**Person-Related Safety Precautions:** Evacuate all non-essential personnel. Remove all sources of ignition. Use only non-sparking tools.

**Measures for Environmental Precaution:** 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.

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### Section 7 - HANDLING AND STORAGE

**Information for Safe Handling:** Keep containers tightly closed. Do not breathe fumes or vapors. Use grounded or spark resistant tools and equipment.

**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.

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Benzene, 1- chloro-4- (trifluoromethyl)-</b>	98-56-6
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
<b>Acetone</b>	67-64-1
OSHA:	1000 ppm; 2400 mg/m3 PEL
ACGIH:	250 ppm TWA 500 ppm STEL
Other:	NIOSH: 250 ppm TWA; 590 mg/m3 TWA

**Engineering Controls:** Explosion proof general. Use local exhaust ventilation to maintain airborne concentrations below the TLV. 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.

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### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Physical properties listed where known.

<b>Appearance</b>	Blue liquid	<b>Odor</b>	Solvent odor
<b>Vapor Pressure</b>	N/A	<b>Odor threshold</b>	N/A
<b>Vapor Density</b>	2-6	<b>pH</b>	N/A
<b>Specific Gravity</b>	>1.00	<b>Melting point</b>	N/A
<b>Freezing point</b>	N/A	<b>Solubility</b>	N/A
<b>Boiling range</b>	162°F	<b>Flash point</b>	5°F, -15°C
<b>Evaporation rate</b>	N/A	<b>Flammability</b>	N/A
<b>Explosive Limit</b>	N/A	<b>Partition coefficient: n-octanol/water</b>	N/A
<b>Autoignition temperature</b>	465°C	<b>Decomposition temperature</b>	N/A

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### Section 10 - STABILITY AND REACTIVITY

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**Incompatible Materials:** Avoid contact with combustible materials, strong acids, bases, reducing agents, oxidizing agents, and peroxides.

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

**Dangerous Products of Decomposition:** Oxides of carbon, hydrocarbons, chlorine compounds, fluorine compounds.

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### Section 11 - TOXICOLOGICAL INFORMATION

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**Mixture Toxicity**

Dermal Toxicity LD50: 2,532mg/kg

Inhalation Toxicity LC50: 36mg/L

**Component Toxicity**

98-56-6 Benzene, 1-chloro-4-(trifluoromethyl)-  
 Dermal LD50: 2,000 mg/kg (Rabbit) Inhalation LC50: 33 mg/L (Rat)

**Toxicity Values Listed if Known**

**Acute Toxicity**

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

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



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**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.

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

**Target Organs:** Respiratory track, 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>
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### Section 12 - ECOLOGICAL INFORMATION

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**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**

Benzene	48 Hr EC50 Daphnia magna: 3.68 mg/L
1-chloro-4-(trifluoromethyl)-	96 Hr LC50 Lepomis macrochirus: 5.6 mg/L
Acetone	96 Hr LC50 Oncorhynchus mykiss: 4.74 – 6.33 ml/L 96 Hr LC50 Pimephales promelas: 6210 - 8120 mg/L [static] 96 Hr LC50 Lepomis macrochirus: 8300 mg/L 48 Hr EC50 Daphnia magna: 10294 – 17704 mg/L [Static] 48 Hr EC50 Daphnia magna: 12600 – 12700 mg/L

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### Section 13 - DISPOSAL CONSIDERATIONS

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

**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)).

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### Section 14 - TRANSPORT INFORMATION

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**DOT Regulated Components:**

Flammable liquid, N.O.S.

Reportable Quantity: No minimum threshold.



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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 N.O.S. (contains Acetone, Parachlorobenzo-trifluoride)	1993	II	3
ICAO/IATA	Flammable Liquid N.O.S. (contains Acetone, Parachlorobenzo-trifluoride)	1993	II	3
IMDG	Flammable Liquid N.O.S. (contains Acetone, Parachlorobenzo-trifluoride)	1993	II	3

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### Section 15 - REGULATORY INFORMATION

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

**SARA Section 311/312 Hazard Categories:** Acute health hazard, chronic health hazard, fire 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)

Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 70 to 80 % CARC

**Massachusetts Right To Know List:**

Acetone 67-64-1 10 to 20 %

**New Jersey Right To Know List:**

Acetone 67-64-1 10 to 20 %

Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 70 to 80 %

**Pennsylvania Right To Know List:**

Acetone 67-64-1 10 to 20 %

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

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### Section 16 - OTHER INFORMATION

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**Summary of Changes**

New SDS: July 22, 2020

**Key / Legend**



## Safety Data Sheet

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 - 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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