



SAFETY DATA SHEET

1. Product And Company Identification

SDS ID: SDS639
 PRODUCT NAME: Prestone ® RADIATOR COMPLETE CARE + STOP LEAK
 PRODUCT NUMBER: AS-195Y, 73049
 FORMULA NUMBER: 2482-163

MANUFACTURER: Prestone Products Corporation 69 Eagle Rd. Danbury, CT 06810	CANADIAN OFFICE: Prestone Canada 33 MacIntosh Blvd. Concord, ON L4K 4L5	MEXICO OFFICE: ASG Operations Mexico S. de R.L. de C.V. Carretera Mexico Cuautitlan, Kilometro 31.5, Nave Industrial 5, Loma Bonita, Cuautitlan, Mexico, 54800
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MEDICAL EMERGENCIES AND ALL OTHER INFORMATION PHONE NUMBER:

(888)269-0750 (in the US and Canada)
 01-800-715-4135 (in Mexico)

TRANSPORTATION EMERGENCY PHONE NUMBER (Chemical Spills and Transport Accidents only):

CHEMTREC 1-800-424-9300 (in the US and Canada) +1 703 741-5970 (outside the US and Canada)

PRODUCT USE: Automobile radiator sealer – consumer product


RESTRICTIONS ON USE: None identified

2. Hazards Identification

GHS Classification:

Health	Physical
Carcinogen Category 1	Not Hazardous

Label Elements



DANGER!
 H350 May cause cancer by inhalation.

Prevention:
 P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P280 Wear protective gloves.

Response:
 P308 + P313 IF exposed or concerned: Get medical advice/attention

Storage:
 P405 Store locked up.

Disposal:
 P501 Dispose of contents and container in accordance with local and national regulations.

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Polyalkylene Glycol	Proprietary	20-30%
Polyoxyalkylene Polymer	Proprietary	1-5%
Bentonite Clay (May contain up to 10% of crystalline silica-quartz)	1302-78-9	1-5%
Quartz (From Bentonite Clay)	14808-60-7	0-0.5%
Non-hazardous Ingredients	Mixture	70-80%

The exact concentrations are a trade secret.

4. First Aid Measures

INHALATION: No first aid should be required. If irritation develops and persists, seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash all affected and exposed areas with soap and water. If skin irritation or redness develops and persists, seek medical attention.

EYE CONTACT: Exposed eyes should be immediately flushed with copious amounts of water using a steady stream for several minutes. If irritation, pain, swelling or tearing persist, seek medical attention.

INGESTION: If swallowed, get immediate medical advice by calling a Poison Control Center, or emergency room. If advice is not available, take victim and product container to the nearest emergency treatment center or hospital. Do not attempt to give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS: May cause mild eye irritation. Prolonged skin contact may cause mild irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NEEDED: None known.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment should be directed at the control of symptoms and the clinical condition.

5. Firefighting Measures

SUITABLE EXTINGUISHING MEDIA: Use any media that is appropriate for the surrounding fire. Cool fire exposed containers with water.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Burning may produce carbon monoxide and carbon dioxide.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Wear appropriate protective clothing and equipment (See Section 8).

METHODS AND MATERIALS FOR CONTAINMENT/CLEANUP: Collect material with absorbent material and place in appropriate, labeled container for disposal.

7. Handling and Storage



PRECAUTIONS FOR SAFE HANDLING:

Avoid eye and prolonged skin contact. Wash exposed skin thoroughly with soap and water after use.

Empty containers retain product residue and may be hazardous. Do not cut, weld, drill, etc. containers, even empty. Do not reuse empty containers unless properly cleaned.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

NFPA Classification IIIB. Store away from excessive heat and oxidizers.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

CHEMICAL	EXPOSURE LIMIT
Polyalkylene Glycol	None Established
Polyoxyalkylene Polymer	None Established
Bentonite Clay (May contain up to 10% of crystalline silica-quartz)	None Established
Crystalline Silica, Quartz	<u>10mg/m3</u> TWA OSHA PEL (Respirable Fraction) %SiO ₂ +2
	<u>30mg/m3</u> TWA OSHA PEL (Total Dust) %SiO ₂ +2
	0.025 mg/m3 TWA ACGIH TLV (Respirable)
Non-hazardous Ingredients	None Established

APPROPRIATE ENGINEERING CONTROLS: General ventilation is adequate for normal use.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None normally needed. For operations where the exposure limit is exceeded a NIOSH approved respirator with dust/mist cartridges or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select and use in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

GLOVES: Chemical resistant gloves such as PVC coated gloves are recommended to prevent prolonged/repeated skin contact.

EYE PROTECTION: Safety glasses with sideshields or goggles are recommended.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Appropriate protective clothing as needed to minimize skin contact.

9. Physical and Chemical Properties

APPEARANCE:	Clear gold liquid with brown slurry particles	ODOR:	Mild glycol
ODOR THRESHOLD:	Not determined	pH:	7.0 – 9.0
MELTING/FREEZING POINT:	32°F (0°C)	BOILING POINT/RANGE:	215°F (101.7°C)
FLASH POINT:	SEPA >215°F (>101.7°C)	EVAPORATION RATE:	Not determined
FLAMMABILITY (SOLID, GAS)	Non-Flammable	FLAMMABILITY LIMITS:	LEL: Not applicable UEL: Not applicable
VAPOR PRESSURE:	Not determined	VAPOR DENSITY:	Not determined



RELATIVE DENSITY:	1.063	SOLUBILITIES	Water: 89%
PARTITION COEFFICIENT (n-octanol/water)	Not determined	AUTOIGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not determined	VISCOSITY:	Not determined

10. Stability and Reactivity

REACTIVITY: Normally unreactive

CHEMICAL STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: None known

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: Not an expected route of exposure. No adverse effects expected.

SKIN CONTACT: Prolonged contact may cause mild irritation with itching and redness.

EYE CONTACT: May cause mild irritation with redness and excess tearing.

INGESTION: Ingestion of this product is not expected to result in any acute systemic toxic effects. If more than several mouthfuls are swallowed, abdominal discomfort and nausea may occur.

CHRONIC EFFECTS: This product contains a small amount of crystalline silica. Repeated inhalation of large amounts of silica dust over an extended period of time may result in a progressive, disabling disease, silicosis. Symptoms include shortness of breath, chest pain and reduced lung function.

CARCINOGENICITY LISTING: Respirable crystalline silica is listed by both NTP and IARC as a human carcinogen. None of the other components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH or OSHA.

ACUTE TOXICITY VALUES:

Bentonite Clay: No acute toxicity values are available.

Quartz: No acute toxicity values are available.

Polyalkylene Glycol: No acute toxicity values are available.

Polyoxyalkylene Polymer: No acute toxicity values are available.

12. Ecological Information

ECOTOXICITY: No ecotoxicity data is available at this time.



PERSISTENCE AND DEGRADABILITY: No data is available at this time.

BIOACCUMULATIVE POTENTIAL: No data is available at this time.

MOBILITY IN SOIL: No data is available at this time.

OTHER ADVERSE EFFECTS: None known

13. Disposal Considerations

Dispose of product in accordance with all local, state/provincial and federal regulations.

14. Transport Information

U.S. DOT HAZARD CLASSIFICATION: Not Regulated

DOT MARINE POLLUTANTS: This product does not contain Marine Pollutants as defined in 49 CFR 171.8.

IMDG CODE SHIPPING CLASSIFICATION: Not Regulated

CANADIAN TDG CLASSIFICATION: Not Regulated

15. Regulatory Information

EPA SARA 311/312 HAZARD CLASSIFICATION: Refer to Section 2 for the OSHA Hazard Classification.

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

PROTECTION OF STRATOSPHERIC OZONE: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

CALIFORNIA PROPOSITION 65: This product contains clays which contain small amounts of crystalline silica, as do most natural minerals. Exposure to respirable crystalline silica in the normal use of this product is below the level posing a cancer risk, therefore, labeling is not required.

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the ingredients are listed on the Canadian Domestic Substances List.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) All of the ingredients are listed on the EINECS inventory.

AUSTRALIA: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

JAPAN: All of the ingredients of this product are listed on the Japanese Existing and New Chemical Substances (MITI) List.

KOREA: All of the ingredients of this product are listed on the Korean Existing Chemical List (KECL).



PHILIPPINES: All of the ingredients of this product are listed on the Philippine Inventory of Chemical and Chemical Substance (PICCS)

CHINA: All of the ingredients of this product are listed on the Chinese Inventory of Existing Chemical Substances (IECSC).

16. Other Information

NFPA RATING (NFPA 704) - FIRE: 1 HEALTH: 1 REACTIVITY: 0

REVISION SUMMARY: Section 15: added EPA SARA 311/312 HAZARD CLASSIFICATION

SDS Date of Preparation/Revision: December 5, 2019

This SDS is directed to professional users and bulk handlers of the product. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations.

While Prestone Products Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Prestone Products Corporation assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.