



SAFETY DATA SHEET

1. Product And Company Identification

SDS ID: SDS641
PRODUCT NAME: Prestone ® RADIATOR SEALER
PRODUCT NUMBER: AS-120Y
FORMULA NUMBER: 2482-161

MANUFACTURER:
Prestone Products Corporation
Danbury, CT 06810-5109

CANADIAN OFFICE:
FRAM Group (Canada), Inc.
Mississauga, Ontario L5L 3S6

MEDICAL EMERGENCIES AND ALL OTHER INFORMATION PHONE NUMBER:

(800)890-2075 (in the US)

(800)668-9349 (in Canada)

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

CHEMTREC 1-800-424-9300 (in the US)

CANUTEC (613)996-6666 (in Canada)

SDS DATE OF PREPARATION/REVISION: 08/11/14

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.

P281 Use protective equipment as required.

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
Bentonite Clay (May contain up to 10% of crystalline silica-quartz)	1302-78-9	5-10%
Magnesium Aluminum Silicate (May contain up to 10% of crystalline silica-quartz)	8031-18-3	0.5-1.5%
Quartz (From Bentonite Clay, and Magnesium Aluminum Silicate)	14808-60-7	0-1.2%
Non-hazardous Ingredients	Proprietary	>1%

The exact concentrations are a trade secret.

4. First Aid Measures

INHALATION: No harmful effects expected. However, if symptoms of exposure occur, remove to fresh air.

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

EYE CONTACT: Exposed eyes should be flushed with copious amounts of water. If irritation, pain, swelling, or tearing persist, seek medical attention.

INGESTION: If swallowed, get 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 eye and skin irritation.

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

NOTES TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical conditions.

5. Firefighting Measures

SUITABLE EXTINGUISHING MEDIA: This product is not combustible. Use any media that is appropriate for the surrounding fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: None known.

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 for disposal. Large spill may be absorbed on vermiculite or other similar material.



7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING: Avoid eye and skin contact. Wash exposed skin thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: None.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

CHEMICAL	EXPOSURE LIMIT
Bentonite Clay	None Established (PEL/TLV/NIOSH)
Magnesium Aluminum Silicate	None Established (PEL/TLV/NIOSH)
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/m ³ TWA ACGIH TLV (Respirable)
Non-hazardous Ingredients	None Established (PEL/TLV)

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

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None normally needed. For operations where the TLV 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: For prolonged contact, rubber gloves can be worn.

EYE PROTECTION: Safety goggles recommended to prevent eye contact.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Appropriate protective clothing as needed to minimize skin contact. Suitable washing and eye flushing facilities should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

9. Physical and Chemical Properties

APPEARANCE:	Light brown slurry	ODOR:	Mild
ODOR THRESHOLD:	Not determined	pH:	8.3 -10.3
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:	1.020	SOLUBILITIES	Water: 92%
PARTITION COEFFICIENT (n-octanol/water)	Not determined	AUTOIGNITION TEMPERATURE:	Not applicable



DECOMPOSITION TEMPERATURE:	Not determined	VISCOSITY:	Not determined
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10. Stability and Reactivity

REACTIVITY: Normally unreactive

CHEMICAL STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: None known

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: None.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: Inhalation of mist may cause mucous membrane irritation.

SKIN CONTACT: May cause irritation, seen as localized reddening and swelling.

EYE CONTACT: May cause eye irritation with excess tearing and reddening of the conjunctiva.

INGESTION: No evidence of adverse effects from available information.

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:

Magnesium Aluminum Silicate: No acute toxicity values are available.

Bentonite Clay: No acute toxicity values are available.

Quartz: 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: Chronic health

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.

CANADIAN WHMIS CLASSIFICATION: Class D, Division 2, Subdivision A - (A very toxic material causing other toxic effects) Contains a component that is a carcinogen.



CANADIAN WHMIS HAZARD SYMBOLS:

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): All of the ingredients



are listed on the EINECS inventory.

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

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

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

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

PHILIPPINES All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

16. Other Information

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

REVISION SUMMARY: Change in format.

SDS Date of Preparation/Revision: August 11, 2014

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.

If more information is needed, please contact:

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