

SAFETY DATA SHEET

1. Product And Company Identification

SDS ID: SDS640
 PRODUCT NAME: Prestone ® RADIATOR STOP LEAK
 PRODUCT NUMBER: AS-145Y
 FORMULA NUMBER: 2482-126

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: 09/27/12

PRODUCT USE: Automobile radiator sealer – consumer product
 RESTRICTIONS ON USE: None identified

2. Hazards Identification

GHS Classification:

| Health | Environmental | Physical |
|-----------------------|---------------|---------------|
| Carcinogen Category 1 | None | 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 | 1-5% |
| Sodium Nitrate | 7631-99-4 | 1-5% |
| Proprietary Ingredients | Mixture | 1-5% |
| Vegetable Fiber | Mixture | 1-5% |
| Quartz (From Bentonite Clay, and Magnesium Aluminum Silicate) | 14808-60-7 | 0-1.5% |
| Water | 7732-18-5 | >80% |

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 thoroughly with soap and water. If irritation or redness occurs 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 eye, and skin irritation.

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

NOTES TO PHYSICIAN: Toxicological studies have shown the components to be of low acute toxicity. There is no specific antidote. 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 FIGHERS: 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 |
|-----------------------------|---|
| Magnesium Aluminum Silicate | None Established |
| Bentonite Clay | None Established |
| Sodium Nitrate | None Established |
| Proprietary Ingredients | None Established |
| Water | None Established |
| Vegetable Fiber | 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) |

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: | Slight azole |
| ODOR THRESHOLD: | Not determined | pH: | 7.5 – 9.5 |
| MELTING/FREEZING POINT: | 32°F (0°C) | BOILING POINT/RANGE: | 208°F (97.8°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: | 1.0326 | SOLUBILITIES | Water: > 90% |
| 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: Avoid oxidizing agents and reducing agents.

DECOMPOSITION PRODUCTS: Thermal decomposition may release oxides of carbon and nitrogen.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: Inhalation of vapor or 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 ACGIH (A2), NTP (Known human carcinogen), and IARC (Category I) as a carcinogen. None of the other components of this product are listed as a carcinogen or suspected carcinogen by IARC, ACGIH, NTP or OSHA.

ACUTE TOXICITY VALUES:

Magnesium Aluminum Silicate: No data available.

Bentonite Clay: No data available.
Quartz: No data available.
Sodium Nitrate: LD50 oral rat - 1267 mg/kg
Proprietary Ingredients: LD50 oral rat - >500 mg/kg

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).

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| 16. Other Information |
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NFPA RATING (NFPA 704) - FIRE: 0 HEALTH: 1 REACTIVITY: 0

REVISION SUMMARY: New SDS.

SDS Date of Preparation/Revision: September 25, 2012

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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