

SAFETY DATA SHEET

1. Product And Company Identification

SDS ID: SDS701
PRODUCT NAME: Prestone ® Head Gasket Stop Leak: Kit Consisting of 15 oz. Bottle (SDS813), 3 oz. Tube (SDS812), 3 oz. Pellets (SDS809)
PRODUCT NUMBER: AS-663Y, 73338
FORMULA NUMBER: 2593-116A, 2593-116B, 2593-116C

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

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: Stops leaks in automobile cooling system
RESTRICTIONS ON USE: None identified

2. Hazards Identification

GHS/HAZCOM 2012 Classification:

Bottle (15 oz)

Health	Physical
Skin Irritation Category 2 Eye Irritation Category 2	Not Hazardous

Tube (3 oz)

Health	Physical
Carcinogen Category 2	Not Hazardous

Pellets (3 oz)

Health	Physical
Carcinogen Category 1 A	Not Hazardous

Label Elements



DANGER!

H315 Causes skin irritation.
H319 Causes serious eye irritation.

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.

P264 Wash thoroughly after handling.

P280 Wear protective gloves and eye protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P264 Wash thoroughly after handling.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical attention.

P308 + P313 IF exposed or concerned: Get medical attention.

Disposal:

P405 Store locked up.

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

3. Composition/Information On Ingredients

Bottle

Component	CAS No.	Amount
Water and Non-hazardous Ingredients	Mixture	80-100%
Sodium Silicate	1344-09-8	10-20%

Tube

Component	CAS No.	Amount
Water and Non-hazardous Ingredients	Mixture	90-100%
Titanium Dioxide	13463-67-7	0.1-0.5%

Pellets

Component	CAS No.	Amount
Crystalline Silica, Quartz	14808-60-7	0.1-0.5%

The specific identity and exact concentrations of components are a trade secret.

4. First Aid Measures

INHALATION: If symptoms of exposure or irritation occur, remove to fresh air and seek medical attention

SKIN CONTACT: Wash all exposed skin with soap and water. If irritation persists, seek medical attention.

EYE CONTACT: Exposed eyes should be flushed with copious amounts of water for several minutes. Get medical attention if irritation persists.

INGESTION: Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention.

MOST IMPORTANT SYMPTOMS: Liquid in the bottle causes eye irritation. Prolonged skin contact with the liquid in the bottle may cause irritation. Inhalation of dust from the pellets may cause respiratory irritation. Swallowing the liquid or pellets may cause gastrointestinal irritation, nausea and vomiting. Prolonged inhalation of dust from pellets may cause lung damage and increase the risk of lung cancer.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NEEDED: No immediate medical attention is required.

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

5. Firefighting Measures

SUITABLE EXTINGUISHING MEDIA: These 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: Pick up pellets and carefully sweep up dust. Place into an appropriate container for disposal. Collect liquid with absorbent material and place in appropriate, labeled container for disposal.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING: Avoid contact with eyes, skin and clothing. Do not breathe dust from pellets. Wash exposed skin with soap and water after use. Use with adequate ventilation.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Store locked up.

NFPA CLASSIFICATION: Not Applicable

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

CHEMICAL	EXPOSURE LIMIT
Crystalline Silica, Quartz	0.05 mg/m ³ TWA OSHA PEL (Respirable) 0.025 mg/m ³ TWA ACGIH TLV (Respirable)
Sodium Silicate	None Established
Titanium Dioxide	15 mg/m ³ TWA OSHA PEL (total dust) 10 mg/m ³ TWA ACGIH TLV

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

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: Rubber gloves are recommended for prolonged or repeated skin contact.



EYE PROTECTION: Safety goggles recommended if contact is possible.

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

	Pellets	Liquid in Bottle	Liquid in Tube
APPEARANCE:	Tan solid	Clear Liquid	Blue metallic liquid
ODOR:	No odor.	No odor	No odor
ODOR THRESHOLD:	Not available	None	Not available
pH:	Not applicable	11.4	6.5
MELTING/FREEZING POINT:	Not applicable	30.2°F / -1°C	32°F / 0°C
BOILING POINT/RANGE:	Not applicable	213°F / 100.5°C	209°F / 98.3°C
FLASH POINT:	Not applicable	No flash at 215°F / 101.7°C	No flash at 215°F / 101.7°C
FLAMMABILITY LIMITS:	Not applicable	Not applicable	Not applicable
FLAMMABILITY (SOLID, GAS)	Not applicable	Not applicable	Not applicable
EVAPORATION RATE:	Not applicable	Not available	Not available
VAPOR PRESSURE:	Not applicable	Not available	Not available
VAPOR DENSITY:	Not applicable	Not available	Not available
RELATIVE DENSITY:	Not available	1.149	1.001
SOLUBILITIES	Dispersible in water	100% in water	100% in water
PARTITION COEFFICIENT (n-octanol/water)	Not applicable	Not applicable	Not applicable
AUTOIGNITION TEMPERATURE:	Not applicable	Not available	Not available
DECOMPOSITION TEMPERATURE:	Not applicable	Not available	Not available
VISCOSITY:	Not applicable	Not available	Not available

10. Stability and Reactivity

REACTIVITY: Normally unreactive.

CHEMICAL STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: None.

CONDITIONS TO AVOID: None known.

INCOMPATIBLE MATERIALS: Avoid oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon and sodium oxides.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: Inhalation of dust from broken pellets may cause upper respiratory tract irritation.

SKIN CONTACT: Prolonged contact with liquid may cause irritation, seen as localized reddening and swelling.

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

INGESTION: Swallowing liquid may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Swallowing pellets may cause gastrointestinal discomfort and bloating.

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.

CARCINOGEN: Respirable crystalline silica is listed by NTP as “Known to be a Human Carcinogen, by IARC as Carcinogenic to Humans”, Group 1 and by ACGIH as a “Suspected Human Carcinogen. A2. Titanium dioxide is listed by IARC as “Possibly Carcinogenic to Humans”, Group 2B and as a “Confirmed Animal Carcinogen with Unknown Relevance to Humans”, A4 by ACGIH. 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:

Crystalline Silica, Quartz: LD50 Oral Rat >22,500 mg/kg.

Sodium Silicate: Oral rat LD50 3400 mg/kg, Inhalation rat LC50 >2.06 mg/L/4 hr, Dermal rabbit LC50 >5000 mg/kg

Titanium Dioxide: Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 >6.82 mg/L/4 hr,

12. Ecological Information

ECOTOXICITY:

Crystalline Silica, Quartz: LC50 carp >10,000 mg/L/72 hr.

Sodium Silicate: 96 hr LC50 Danio rerio 1108 mg/L, 48 hr EC50 daphnia magna 1700 mg/L, 72 hr EC50 Desmodemus subspicatus 207 mg/L

Titanium Dioxide: 96 hr EC50 Pimephales promelas >1000 mg/L, 48 hr LC50 Daphnia pulex >10 mg/L, 72 hr EC50

Pseudokirchnerella subcapitata 61 mg/L

PERSISTENCE AND DEGRADABILITY: Biodegradation is not applicable to inorganic substances

BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.

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 the following chemicals known to the State of California to cause cancer:

Pellets	Crystalline silica, quartz	14808-60-7	0.1-0.5%	Cancer
Liquid in Tube	Ethyl Acrylate	140-88-5	<30 ppm	Cancer
	Titanium Dioxide	13463-67-7	0.1-0.5%	Cancer

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.

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

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

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 - FIRE: 0 HEALTH: 3 INSTABILITY: 0

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

SDS Date of Preparation/Revision: December 9, 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.