



Toll Free: 87 PERMATEX
(877-376-2839)

10 Columbus Blvd., Hartford,
Connecticut 06106

6875 Parkland Boulevard, Solon
Ohio 44139

Technical Data Sheet

Permatex® Heavy Duty Aluminum Radiator Flush

AAM Revised 02/09

PRODUCT DESCRIPTION

Permatex® Heavy Duty Aluminum Radiator Flush will improve your cooling system operation. It will unclog and clean cooling systems easily and efficiently. Periodic cleaning of automotive cooling system with Permatex® Heavy Duty Aluminum Radiator Flush removes rust, oxidation, heavy scale build-up, solder corrosion and residue common to malfunctioning cooling systems.

PRODUCT BENEFITS

- Removes rust and scale
- Easy to use
- Contains mild organic acids
- Safe for use on aluminum radiators
- Compatible with all cooling system metals, plastics, hoses, gaskets and seals

TYPICAL APPLICATIONS

- Aluminum automotive radiators
- Light duty trucks

DIRECTIONS FOR USE

DO NOT WORK ON A HOT ENGINE

1. Allow engine and cooling system to cool before proceeding.
2. Use extreme caution when removing radiator cap to avoid serious burns. See owner's manual for directions for removing radiator cap.
3. Open drain valve and drain the cooling system and dispose of old coolant according to state and local regulations.
4. Close drain and add Permatex® Heavy Duty Aluminum Radiator Flush. Fill with water and replace radiator cap.
5. Restart engine and run at a fast idle until it reaches normal operating temperature. Continue to run for 15 to 20 minutes.
6. Repeat steps 1, 2 and 3 above. Close drains and replace with manufacturers recommended antifreeze-coolant/water mixture.
7. Replace radiator cap. Refill coolant reservoir as needed.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Organic Acid
Appearance	Yellow liquid
Odor	Mild
Specific Gravity	1.09
pH	4.5 – 6.0
Flash Point, TCC	None
VOC Content (Wt. %)	4.2

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

ORDERING INFORMATION

Part Number	Container Size
80032	22 fl. oz. plastic bottle

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° and 28°C (46° and 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOTE

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. **Permatex, Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Permatex, Inc. products and disclaims any liability for consequential or incidental damages of any kind, including lost profits.** This product may be covered by one or more United States or foreign patents or patent applications.

NOT FOR PRODUCT SPECIFICATIONS.

THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.

PLEASE CONTACT PERMATEX, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.
PERMATEX, INC., HARTFORD SQUARE NORTH, 10 COLUMBUS BOULEVARD, HARTFORD, CT 06106 PHONE – (1-87PERMATEX)