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Technical Data Sheet

Permatex® Quick Solder™ Radiator Repair

AAM Revised 08/04

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Quick Solder™ Radiator Repair is supplied as a two-component stick. The material is green on the outside and beige on the inside. The material is mixed together by kneading the parts together until a uniform brass color is achieved.

Note: **Not** recommended for plastic radiators.

PRODUCT BENEFITS

- Excellent chemical and moisture resistance
- Full strength is achieved in one hour
- May be used on steel, brass and aluminum radiators
- No measuring, waste, heating
- Non-flammable

TYPICAL APPLICATIONS

- Use to repair cracks and holes in cars, trucks, farm equipment

DIRECTIONS FOR USE

1. Make sure engine has cooled **completely** before beginning repairs. Remove radiator cap.
2. Hands must be free of dirt, oil, grease and rust to prevent contamination of the material.
3. For best results the repair plug and the surface to be repaired must be above 40°F(5°C).
4. Carefully clean all surfaces around the hole using Permatex® Brake & Parts Cleaner.
5. Cut off the amount of material needed for the repair – Use only enough to fill the hole and cover a ” wide area around the hole.
6. Knead the repair plug until it is uniform in both color and consistency.
7. Form the Quick Solder™ Radiator Repair plug into the shape of a cone, and firmly push the pointed end into the hole.
8. Flatten the excess material firmly and uniformly around the hole, conforming to the metal surface.
9. Wait 2 hours before driving vehicle.
10. Check periodically to ensure that the leak has stopped.

For Cleanup

1. Remove excess material by scraping with a putty knife or spatula.
2. Clean hands with Permatex® brand hand cleaners.

Chemical Type
Appearance

Odor
Specific Gravity
Flash Point, TOC, °F
Cure Time (75°F)

Typical Value

Soft, pliable epoxy (brass filled)
Epoxy – green
Hardener – beige
Slight mercaptan
1.9
>300
Fixture time - 5 to 10 minutes
Use time - 2 hours
Full Cure – 24 hours

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
12195	.5 oz. stick, carded

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46°F to 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

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