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Technical Data Sheet

Permatex® Pneumatic/Hydraulic Sealant

AAM Revised 11/02

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Hydraulic/Pneumatic Sealant is a single component, high viscosity anaerobic pipe sealant material. The product cures when confined in the absence of air between close fitting metal surfaces. Permatex® Hydraulic/Pneumatic Sealant locks and seals high-pressure fluid power systems with tapered fittings.

PRODUCT BENEFITS

- Contains no fillers or particles
- Will not contaminate fluid systems
- Will not foul valves
- Will not clog fine filters and screens
- Has excellent solvent resistance
- Easy disassembly

TYPICAL APPLICATIONS

- Hydraulic line fittings
- Brake fittings
- Transmission fluid fittings
- PTO fittings
- Air conditioning fittings

DIRECTIONS FOR USE

1. Shake container well before using.
2. Clean surfaces to be sealed with Permatex® Brake & Parts Cleaner.
3. Twist off white overcap and snip nozzle to desired size opening.
4. Apply sealant to male threads in a sufficient quantity to fill all engaged threads.
5. Assemble and wrench tighten.
6. This product works best in thin bond gaps.
7. Very large thread sizes may create large gaps which will affect cure speed and strength.
8. Parts may be returned to service in four (4) hours when cured at 75°F.

For Cleanup

1. Wipe off any material outside the joint with a dry cloth.
2. Clean hands with Permatex® Fast Orange® hand cleaner or soap and water.

PHYSICAL PROPERTIES

	Typical Value
Chemical Type	Methacrylate ester
Appearance	Purple liquid
Odor	Acrid
Specific Gravity	1.20
Viscosity (cP)	14,000
Flash Point (T.C.C.) °F	>200

CURED INFORMATION

(Cured 24 hours @ 75°F)

Pressure Resistance (psi)	10,000
Temperature Range, °F	-65 to +300
Breakaway torque (in.-lb.)	15

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for 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
54540	36 ml. bottle

STORAGE

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