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Technical Data Sheet

Permatex® Pneumatic/Hydraulic Sealant, Thread Sealant Purple

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Hydraulic/Pneumatic Sealant Thread Sealant Purple 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 Thread Sealant Purple 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 Brake & Parts cleaner.
3. Twist off white cap 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 4 hours when cured at 24°C.

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.

PROPERTIES OF UNCURED MATERIAL

	Typical value
Chemical Type	Methacrylate Ester
Appearance	Purple Liquid
Specific Gravity @ 27 °C	1.20
Viscosity (cP)	14,000
Flash Point (TCC), °C	>93

PERFORMANCE OF CURED MATERIAL

Pressure Resistance	69 MPa
Temperature Resistance	-54 °C to 149 °C
Breakaway Torque	1.7 Nm

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).

This product is not normally recommended for use on plastics (particularly thermoplastic materials where stress cracking of the plastic could result). It is recommended to confirm compatibility of the product with such substrates.

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 28°C unless otherwise labelled. 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

Part Number	Container Size
54550A	50ml Bottle

NOTE

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