

PC #565 PST PIPE SEALANT #2472

Thread Sealant



Features:

- Lubricates with PTFE
- For metal fittings, performs well on aluminum, steel, plated and brass
- Recommended for tapered & straight pipe threads
- Good temperature and solvent resistance

Description:

PC 565 PST PIPE SEALANT is a single component, creamy, paste-like anaerobic pipe sealant compound. The product cures when confined in the absence of air between close fitting metal surfaces. It cures slowly, but provides an instant seal. This product is anaerobic with no solvents and no shrinkage and provides a vibration-proof seal that is resistant to most chemicals and corrosion. It can be used on most hydraulic, pneumatic, oil, water and gas connections. This industrial-grade sealant develops controlled, low strength seals on threaded fasteners to facilitate disassembly with standard hand tools.



Applications:

- Sprinkler Heads
- Connectors
- Pipe Plugs
- Pulp
- Paper
- Plumbing
- Aluminum & Steel
- Pipes & Fittings
- Plated Brass

Product Characteristics:

Appearance:	White, viscous
Odor:	Characteristic
Vapor Pressure:	≤ 53 hPa (≤ 39.8 mm Hg)
Boiling Point/Range:	≥ 200°C (≥ 392°F)
Melting Point:	Undetermined
Vapor Density:	Not determined
Solubility (water):	Not miscible or difficult to mix
Solids Content:	64.1%
Flash Point:	131°C (267.8°F)
VOC Content:	0.75 % 7.5 g/l / 0.06 lb/gal
Auto-Ignition Temp:	Product is not self-igniting
Organic Solvent:	0.8%
Specific Gravity:	1.10
Storage:	Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Transport Information:	
Proper Shipping Name:	Not regulated
UN Number:	Not regulated
Class:	Not regulated
Packing Group:	Not regulated

Directions:

Recommended for sealing metal tapered pipe threads and fittings (up to 5 cm/2 in) for industrial applications. For best performance, surfaces should be clean and free of grease. Product should be applied to the thread engagement area in sufficient quantity to fill second and third threads while leaving the first thread free of sealant. Product is normally hand-applied from the tube or brushed directly onto threaded parts. This product performs best in thin bond gaps (0.05 mm). Very large thread sizes may create large gaps which will affect cure speed and strength.

Note: For maximum pressure and solvent resistance, allow at least 72 hours at 72°F for product to fully cure before filling and pressurizing the system.

Full Cure Time: 72 hrs @ 72°F

Temperature Range: -60°F to 300°F (-51°C to 150°C)

Environmental and Fluid Resistance:

(Shear strength values)

Heat Age:	100%
Engine Oil @ 150°C:	100%
Brake Fluid @ 150°C:	85%
ATF @ 150°C:	85%
50/50 water/ethylene glycol @ 120°C:	80%
Water @ 90°C:	100%
Gasoline @ 25°C:	100%
Diesel Fuel @ 25°C:	100%
Ethyl Alcohol @ 25°C:	95%

Pictograms:



Signal Word:

Warning.

Personal Protective Equipment Required:



DOT Placard:

Not regulated.