

# — General—Purpose Organic Impregnant— Super Seal P-600 series

The Super Seal P-600 Series is a versatile impregnation agent for automotive, precision, and electronic components. It excels in cleanability and is ideal for parts with small tapped or machined holes. The product has passed the U.S. Department of Defense MIL standard tests, ensuring high reliability worldwide.

## Feature

- ◎ It is a 100% reactive (solvent-free) type.
- ◎ It has extremely low viscosity and surface tension, allowing it to penetrate into even the finest pores.
- ◎ It is water-soluble and can be easily cleaned with water.
- ◎ After curing, it forms a cross-linked resin with excellent resistance to various solvents and chemicals.
- ◎ Certified to MIL-I-17563C (Super Seal P-601 & P-601E).

## Properties

Item	Value
Main Component	Methacrylic acid ester
Appearance	Transparent liquid
Density g/cm <sup>3</sup> (25°C)	1.04 ~ 1.07
Viscosity mPa · s (25°C)	5 ~ 7

## Performance

Item	Results	Test Method
Pressure Resistance	2.0 Mpa or more	Immersion Pressure Test (No Leak)
Curing Time	Within 6 minute	In-house Test
Chemical Resistance	No Leakage	MIL-I-17563C
Thermal Shock Test	No Leakage	-40°C ~ 160°C × 60 minute 250cyc.
Heat Resistance	No Leakage	180°C × 400hour
Decomposition Temperature	220°C	TG-DTA

## Handling Precautions

- Please be sure to read the Safety Data Sheet (SDS) before handling this product.
- When using, add the enclosed hardener and stir thoroughly before application.
- Keep away from open flames.
- Store in a cool, dark place away from direct sunlight.
- Handle in a well-ventilated area.
- Wear appropriate protective equipment to prevent contact with eyes, skin, and clothing.
- Thoroughly wash your hands, face, and any exposed skin after handling.