

## PRODUCT DESCRIPTION

LOCTITE® PC 9424 for Regular Backing Material (LOCTITE® PC 9462) is recommended for accelerating up the gel time and cure for PC 9462 when material temperature, equipment temperature and ambient temperature are below 12°C (55°F).

### Advantages:

- Accelerates gel and cure
- Reduces downtime

## TYPICAL APPLICATIONS

For speeding cure time of LOCTITE® PC 9462, especially in low temperature environments.

**(Not for use with High Performance Backing Material)**

## DIRECTIONS FOR USE

**Proper mixing procedures are very critical.**

1. Add the accelerator to the LOCTITE® PC 9462 resin. Do Not add to hardener or resin and hardener combination.
2. Mix thoroughly.
3. Add hardener and mix to a uniform color.

**Accelerator not thoroughly mixed in to the resin or added directly to the hardener will result in a lumpy end product, improper cure, and or poor physical properties.**

Following the proper mixing procedure will produce a mixed product with handling and physical properties comparable to unaccelerated Backing Material.

Use the following chart to determine the amount of LOCTITE® PC 9424 to use with one 2 gallon pail of LOCTITE® PC 9462:

Material Temperature	Gel Time Without Accelerator	Gel Time With One Can of Accelerator	Gel Time With Two Cans of Accelerator
25°C (77°F)	21 minutes	12 minutes	8 minutes
6°C (43°F)	115 minutes	62 minutes	35 minutes

## TECHNICAL TIPS FOR WORKING WITH EPOXIES

**Working time and cure time depends on temperature and mass:**

- The higher the temperature, the faster the cure.
- The larger the mass of material mixed, the faster the cure.

**To speed the cure of epoxies at low temperatures:**

- Store epoxy at room temperature.
- Pre-heat repair surface until warm to the touch.

**To slow the cure of epoxies at high temperatures:**

- Mix epoxy in small masses to prevent rapid curing.
- Cool resin/hardener component(s).

## PROPERTIES OF UNCURED MIXED MATERIAL

	Typical Value
Appearance	Blue Liquid
Specific gravity @ 25°C	1.2

## 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).**

## PCStorage

Product shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C 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. For further specific shelf life information, contact your local Technical Service Center.

## Data Ranges

The data contained herein may be reported as a typical value and/or range. Values are based on actual test data and are verified on a periodic basis.

## Note

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