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## Mixing Instructions for Poly/Technon™ (60 Min. Work Time)

Determine the required compound viscosity:

- |                           |                              |             |
|---------------------------|------------------------------|-------------|
| • Poured                  | Maximum density after curing | 9.5 gr/cc   |
| • Injected under pressure |                              | 10 gr/cc    |
| • Filled as light paste   |                              | 10.25 gr/cc |
| • Filled as heavy paste   |                              | 10.50 gr/cc |

The maximum percentage of powder that should be mixed with the poly is 96.2% by weight. Such compound will be usable as a heavy paste. For a pourable compound maintain the ratio below 93.5%

### MIXING PROCESS:

1. Pour the required amount of Poly marked "A" into the mixing container.
2. Add the "B" component. The mixing ratio is 100 parts A to 20 parts B by weight. Mix for 10-15 seconds by hand.
3. Add the Technon™ powder and mix. Mix by hand for 25-30 seconds or using a high shear mixing tool for 5-10 seconds
4. Vacuum degassing is not required.
5. Drying the powder is recommended, although not essential. Heat powder to 110°F for about 1 hour and allow to cool back to room temperature.

### WORK TIME @ 77°F (25°C):

- 60 minutes !!! (Minimum)

### CURING:

- At room temperature for 24 hours
- Curing by elevated temperature is not recommended

### STORAGE:

Store in a cool and dry location. Unopened containers will have a shelf life of 6 months, from date of shipment, when properly stored. Purge opened containers with dry nitrogen before re-sealing.

### SAFETY & PRECAUTIONS:

Use in well-ventilated area. Use a respirator if metal dust is raised. Avoid contact with skin. Use protective gloves and clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection (of an approved type) is extremely important. If in contact with skin, immediately wash with soap and water. If in contact with eyes, immediately flush with water for about 15 minutes. Call a physician. If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person. Read MSDS for more information.

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