



Product Highlights

- ASTM-E84 CLASS A FLAME RATING
- Easily sculpt or texture like clay
- Sandable
- Paintable
- Bonds to most substrates
- Easy to use 1 : 1 mix ratio by weight or volume for ease of hand mixing
- User friendly work life
- Non Toxic
- Solvent Free

Mixing Properties:	Resin (Isocyanate) Part A	Hardener (Polyol) Part B
Mix Ratio (Parts by Weight)	100	100
Mix Ratio (Parts by Volume)	100	100
Color	Gray	Brown
Viscosity cps @ 77F	Paste	Paste
Viscosity cps @ 77F (mixed)	Thick paste	
Specific Gravity @ 77F (mixed)	1.5	
Gel Time @77F	60 min ±10	
Cure Time (varies w/ mass)	12 hrs ±2	

Physical Properties:	ASTM Method	Cure 1
Hardness, Shore D	D-2240	90 ± 5
Density @ 77°F (g/cc)	D-792	1.5
Tensile Strength (PSI)	D-638	2,000
Compressive Strength (PSI)	D-695	12,000
Color	Visual	Brown

Cure 1: Physical properties obtained using ambient room temperature (77°F). Tested after 7 days

Other related products offered

- Silicone rubber
- Mold release agents
- Mix tubes
- Additional products available. Inquire directly for products not listed.

Processing suggestions:

- Properly weigh out the appropriate amounts of resin and hardener.
- Thoroughly knead both components together until a homogenous mix is obtained.
- Apply either by hand or trowel onto substrate.
- Sculpt, mold or stamp with silicone rubber stamp.
- Water and isopropyl alcohol can be used to smooth surfaces and prevent material from sticking to gloves and tools.
- A heated post cure is recommended to achieve maximum properties and heat resistance. Depending on geometry, the part may need to remain in the mold or fixtured to maintain part tolerances.

Kit Sizes and Weights:

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|-------------------|------------|----------|
| • Quart Kit | (0.48 gal) | 6 lbs. |
| • Gallon Kit | (1.6 gal) | 20 lbs. |
| • Five Gallon Kit | (8.0 gal) | 100 lbs. |

Safety Precautions:

The safety data sheet (SDS) for this or any Thermoset Solutions, LLC product should be read prior to use and is available upon request from Thermoset Solutions, LLC.

Use in a ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

If Contact Occurs:

- Eyes: Immediately flush with water for at least 15 minutes. Call a physician
- Skin: Immediately wash with soap and water. Remove contaminated clothing. Do not use solvents to wash skin. Seek medical attention if allergic reaction occurs.
- Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel.

Notice:

The information contained in this tech data sheet is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.