UraGel 751 FR consists of two thin liquids, part (amber) and part B (blue). After mixing, UraGel 751 FR immediately thickens to a buttery non-sag paste, which forms a high strength rigid bond. UraGel 751 FR is especially well suited for bonding cast or pultruded fiberglass parts and surfaces. When fully cured, UraGel 751 FR (Fire Resistant) forms a rigid “fiberglass like” polymer that is easily sanded or machined into final form. UraGel 751 FR can also be used as rigid mother mold back up for flexible molding compounds.

### Mix Ratio

| Mix Ratio By weight | 100 parts A | 88 part B |
| Mix Ratio By volume | 100 parts A | 100 parts B |
| Viscosity @ 72°F (Component A) | 450 cps |
| Viscosity @ 72°F (Component B) | 600 cps |
| Viscosity @ 72°F (Mixed) | 500,000 cps |
| Color Part A: | Black |
| Color Part B: | White |
| Color Mixed: | Gray |

### Working Life

- **Working Life @ 72°F**: 10 minutes
- **Working Life @ 72°F**: 24 hours

### Physical Properties

- **Specific Gravity (Part A)**: 1.20
- **Specific Gravity (Part B)**: 1.06
- **Specific Gravity (Mixed)**: 1.13
- **Weight/Gallon Part A**: 10.03 lbs.
- **Weight/Gallon Part B**: 8.82 lbs.
- **Weight/Gallon Mixed**: 9.43 lbs.
- **Cubic inch per lb. of product**: 24.49 in³
- **Hardness @ 72°F**: ASTM 2240-85, 75 Shore D
- **Tear Strength**: ASTM D-624, 900 lb/in
- **Tensile Strength**: ASTM D-412 die C, 2750 psi
- **Elongation**: ASTM D-412 die C, 5%

### Clean Up

Dispose of all empty UraGel 751 FR component containers in accordance with local, state and federal regulations. Empty component containers can be rendered non-hazardous by rinsing the containers with a small amount of mixed material and allowing material to cure for 24 hours. The containers will then contain non-hazardous cured urethane.

### Storage and Shelf Life

UraGel 751 FR is shipped from the factory in sealed containers. The containers should be stored in a cool dry area that is protected from direct sunlight and moisture. Storage temperatures should not exceed 80°F. The shelf life of factory sealed containers stored under these conditions is six months. Containers that have been opened should be resealed immediately after material has been removed in order to prevent solvent evaporation.

### Shipping Class

Class 55 Non-hazardous