

DESCRIPTION:

Cargroom Fiberglass Resin is a premium grade polyester resin. It is designed for use with fiberglass mat or cloth to repair and restore as well as create custom molded automotive designs. Cargroom Fiberglass Resin is fast curing, tack free, waterproof and impact resistant. Its heavy formula wets out mat and cloth quickly and provides excellent workability.

PART NUMBERS:

- 77071 Fiberglass Resin Quart
- 77072 Fiberglass Resin Gallon
- 77090 Fiberglass Resin Quart Kit
- 77091 Fiberglass Resin ½ Pint Kit

PRODUCT USES:

Use with fiberglass mat or cloth to repair rust-outs, holes, tears and cracks. Ideal for custom molding.

TYPICAL SUBSTRATES:

- Steel
- Fiberglass
- Wood
- Gel Coat (polyester or epoxy)



SURFACE PREPARATION:

Remove all paint or gel coat by rough sanding damaged area down to bare metal or fiberglass, allowing a 2" margin around damaged area. When possible, both sides of damaged area should be repaired for added strength. Repair area to be dry and clean. If applying to wood it must be untreated.



MIXING:

For best results, bring resin and hardener to room temperature (minimum 65° F). Add 14 drops of liquid hardener per 1 oz. of Fiberglass Resin. Estimate the amount of resin needed to completely saturate the fiberglass material, pour the resin into a clean container (paper cup or metal can) and follow by adding the proper amount of liquid hardener. Mix thoroughly. NOTE: The use of too much or too little hardener may cause poor adhesion, soft cure and poor workability.

APPLICATION:

Lay pre-cut fiberglass mat or cloth on a clean, non-porous surface (we recommend a sheet of aluminum foil or a polyethylene bag). Pour resin/hardener mixture over the fiberglass material using a paint brush or plastic spreader. Completely cover all areas of the material. When material is saturated, apply it over the area to be repaired, using a plastic spreader to flatten, smooth and work out any air bubbles. Follow the same procedure if both sides are being repaired. When resin has set, peel off foil or plastic bag.

FINISHING:

Resin-saturated fiberglass will immediately harden into a steel-like surface which can be sanded (80 - 180 grit), ground or filed. Any imperfections can be filled with a "skim coat" of resin/hardener mixture or with a topcoat of one of Cargroom's quality body fillers. Use fine sandpaper to finish repaired area to desired contour.

**TECHNICAL INFORMATION:**

Appearance as Packaged:
VOC

Weight Per Gallon (Density):
Maximum Recommended Thickness (sanded):
Viscosity @ 77°F
Gel Time @ 77°F:
Shore "D" Hardness Values @ 24 hours:
Sanding Time @ 77°F:

Maximum Heat:

Amber Opaque Liquid
402 g/l
1.6 g/l loss upon cure
9.2 pounds (Average)
1/8"
3,000 cps (Average)
9.0 – 15.0 minutes
65-75
60 minutes (Average; depends
on thickness of mass)
200° F for 30 minutes

ASSOCIATED MSDS: Filler: "CarGroom Fiberglass Resin-90130"

Hardener: "Liquid Hardener-93510"

**HEALTH & SAFETY:**

Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Protect hands with impervious rubber gloves. Wear face, skin and eye protection. When sanding, we recommend the use of a respiratory covering device to protect from dust (MSA mask P/N 459029 with MSA cartridge 464029 or equivalent). When using power equipment, refer to power tool manufacturer's recommendations for safety equipment. USC products are for industrial use by trained professionals only.

Emergency Medical or Spill Control Information:

In U.S. or Canada call CHEMTREC at 1-800-424-9300