

G-1

Product Description:

G-1 Epoxy Glue is the easiest to use, clear, waterproof adhesive with a room temperature cure. Wooden aircraft builders and restorers depend on G-1 Epoxy because of its strength, heat and chemical resistance. G-1 has a unique combination of hardness and flexibility. It has low odour, no solvents and is non-shrinking. G-1 requires no clamping pressure and is an excellent gap filler.

Product Uses:

G-1 has moderately low viscosity. Mix it with sawdust, anti-sag fillers, microballoons and minifibers to make gels, putties, and pastes. G-1 will bond to most woods, gems, glass, porcelain, ceramic, rubber, leather, fiberglass, non-waxy plastics and some metals. Once cured, G-1 can be sanded, drilled, filed and painted. For best results, G-1 should only be used on dry surfaces and cured at room temperature. For oily woods, use G-2 Epoxy Glue.

Use G-1 Epoxy Glue for wooden aircraft, all sporting goods including golf clubs, skis, hockey/lacross sticks, toys, musical instruments, lapidary work, shoe repair, hobbies and art.



Kit sizes available:

- ½ Pt
- 1 Pt
- 1 Qt
- ½ Gal
- 1 Gal
- 5 Gal
- 10 Gal
- 100 Gal

Physical Properties:

Mix Ratio by Volume	100:100
Mix Ratio by Weight	100:83
Total Solids	100%
Mixed Viscosity	7,500 cps
Mixed Color.....	Amber
Application Temperature Range.....	10°C to 32°C (50°F to 102°F)
Tensile Strength.....	6,000 psi
Compressive Strength	15,000 psi
Elongation.....	10%
Coverage @ 250 microns	3.6m ² /L 150 Ft ² /Gal
Service Temperature Range	-20°C to 70°C (-4°F to 158°F)
Gel Time @ 25°C (77°F).....	90 Minutes (100g mixture)
Full Cure @ 25°C (77°F)	16 Hours (100g mixture)