



GENERAL POWER GLUE TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

GENERAL POWER GLUE is a premium, faster acting cyanoacrylate that provides a stronger, longer lasting bond and works on most materials than regular power glues. It is designed to meet the more demanding automotive adhesive needs which works on both porous and non-porous materials. It is fast setting and cures at room temperature.

PRODUCT BENEFITS

- Ready to use
- No mixing
- Sets in seconds
- Permanent, transparent bond
- Fills gaps to .004"
- Non-flammable
- Works on metals, alloys, plastics, vinyl, rubber and ceramics

TYPICAL APPLICATIONS

- Automotive trim
- Logos
- Knobs
- Gear shift logos
- Minor interior repairs
- Nameplates
- Radio speaker grills
- Jewellery
- Plastic Models
- Broken Toys
- Household general repair
- Prototype Electronics

TYPICAL CURING PERFORMANCE

GENERAL POWER GLUE cures on exposure to moisture. Fixture time is 15 – 30 seconds and full cure within 24 hours. Temperature range of cured material is -65°F to $+180^{\circ}\text{F}$. The thinner the Super Bonder is applied, the stronger the bond. The better the “fit” between the surfaces, the better the bond. Set up time varies depending on the type of surface.

PROPERTIES OF UNCURED MATERIAL

Property	Spec	Value
Specific cure time	sec	12
Viscosity (Cps/25 Celcius)	25.00 – 65.00	41.40
Tensile Strength (kgf/cm ²)	>200	377
Shear Strength (kgf/cm ²)	>150	194
Smogging Time (A Powder)	Sec 35 - 55	53
APHA	<50	25
Appearances	mm	Colourless liquid



GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

CHEMICAL FORMULAS

CH₂=CH₂ (CN)COOC₂H₅

DIRECTIONS FOR USE

1. **General Power Glue** works best when the surfaces to be bonded are close fitting.
2. The surfaces to be bonded should be clean, dry and free of dust.
3. Remove cap and nozzle, carefully break the aluminium seal using the tip of the cap and screw on the nozzle firmly. Squeeze slowly from bottom of tube.
4. Apply a small amount of glue to one surface. Use only one drop per square inch. Put surfaces together and apply slight pressure.
5. The product grabs within 2-10 seconds, depending on environmental conditions and materials to be bonded.
6. Allow a few minutes for sufficient bond strength for practical use.
7. Replace cap after use.
8. After opening, store in the refrigerator or in a cool, dry place away from direct sunlight.

CARE IN HANDLING

Keep your fingers away from any excess cement so they won't get stuck. In the event that fingers get stuck together - don't panic! Slowly twist fingers in opposite direction in hot soapy water. Acetone (most nail polish removers) or Olive oil can also be used to remove Power Glue from skin. After use, wipe excess product from the nozzle with a tissue dipped in nail polish remover.

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOTE

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