

Technical Data Sheet

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Properties: AKEMI® Super Glue Plus is a high viscosity instant adhesive for fast bonding of many different materials including metal, rubber, many kinds of plastic, wood, glass, leather and ceramics.

The product is characterized by the following properties:

- hand tight in a few seconds
- 6 times more impact resistance than a conventional CA adhesive
- 10 times more peeling resistance than a conventional CA adhesive
- very high tensile shear strength
- very high thermal stability
- improved water resistance
- NSF certified

Application Area: AKEMI® Super Glue Plus is typically used for car repair, electrical and electronic industries, engineering, metal processing, model construction, furniture manufacturing, plastic processing, dental segments, leather manufacturing, fingernails bonding, rubber industries, luminaire production etc.

- Instructions for Use:**
1. For best results, surfaces to be bonded must be clean, free from grease, oils etc.
 2. Apply AKEMI® Super Glue Plus sparingly to one surface only.
 3. Put the surfaces together immediately, taking care to ensure the correct alignment.
 4. Apply firm pressure to ensure that the adhesive spreads into a thin film.
 5. Any surplus liquid adhesive may be removed with AKEMI® Acry-clean.
 6. Close the bottle after use.

- Special Notes:**
- For professional use only.
 - Activators can considerably increase the hardening time.
 - For proper waste disposal, the container must be completely emptied.
 - Recycling in accordance with the guidelines of EU Decision 97/129 EC on the Packaging Directive 94/62/EC.

Technical Data:	Base:	ethyl cyanoacrylate
	Colour:	transparent
	Smell:	typically
	Density:	1.08 g/cm ³
	Viscosity:	2.500 - 3.000 MPa
	Setting time aluminum:	30 - 50 sec.
	Setting time rubber:	20 - 40 sec.
	Final hardening:	24 h
	Max. gap filling:	0.15 mm
	Flash point:	85°C
	Temperature resistance:	- 50°C up to + 135°C
	Thermal conductivity	
	ASTM C 177:	0.1
	Tensile shear strength:	24 N/mm ² (DIN 53283)

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Material combinations:	<u>Material</u>	<u>Super Glue Plus</u>	<u>Super Glue MVX Pen</u>
	Metal	++	++
	Plastic	++	++
	Rubber	+	++
	EPDM Elastomeric	+	++
	Wood	++	++
	Glass/Ceramics	++	++
	Leather	+	++

Suitable +

Ideal ++

Storage: If stored in dry and cool condition (5-8°C/41-46°F in the fridge) in its closed original container at least 12 months from production.

Health & Safety: Read Safety Data Sheet before handling or using this product.

Important Notice: The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trials of the product, in an inconspicuous area or fabrication of a sample piece.