

SAS 206 Superglue

MULTI-PURPOSE SUPERGLUE



PRODUCT INFORMATION

SAS 206 is multipurpose superglue which bonds most metals, plastics, rubbers and ceramics. It is very fast setting, bonding most substrates within 5 seconds.

KEY INFORMATION

- Very fast cure at room temperature
- Bonds well to a wide variety of materials
- Solvent free
- Single component
- Cure completely – minimal clean up needed
- Good moisture resistance
- High strength

TYPICAL APPLICATIONS

Alpha SAS206 Superglue is suitable for the following applications:

- Double glazing, bonds rubber gaskets
- Drive belts, repair and assembly
- Electronics, bonds components to circuit boards
- O-rings, making to size
- Instant repair of plastics, rubber
- Rubber-metal and plastic metal components

PRODUCT CHARACTERISTICS

The following technical information and data should be considered representative or typical only. Therefore, the information should not be used for specification purposes.

Property	Data
Colour	Translucent
Base	Alkyl Cyanoacrylate
Consistency	Thin Liquid
Total Solids Content	100 %
Viscosity (20 °C, 50% RH)	35-40 cP
Specific Gravity (20 °C, 50% RH)	1.06
Bond Speed	Metal to metal: <15 seconds Plastic to plastic: <15 seconds Rubber to rubber: <15 seconds
Heat Resistance	-60 to 85 °C
Maximum Gap Fill	0.1 mm
Hardness	80-85 Shore D (when cured)

PRODUCT PERFORMANCE

The performance data presented here has been determined by Alpha Adhesives & Sealants Limited standard test methods and are average values that should not be used for specification purposes. Our recommendations on the use of this product are based on tests believed to be reliable. It is advised that users conduct their own tests to determine the suitability of the product for their specific application.

Test	Substrates	Results/Observations
Shear Strength	Steel	19-23 N/mm ²
Shear Strength	Aluminium	7-9 N/mm ²
Shear Strength	PVC	>6 N/mm ²

HANDLING & APPLICATIONS

The general application information presented here is based upon typical conditions determined by Alpha Adhesives & Sealants Limited testing. Our recommendations on the use of this product are based on methods believed to be reliable. It is advised that users conduct their own tests to determine the suitability of the product for their specific application.

Process Step	Guidelines
Surface Preparation	Make sure that the surfaces to be bonded are clean and dry. <ul style="list-style-type: none">• For plastics, ceramics and rubber, wipe with a suitable solvent cleaner such as T161 or T162.• For metals, the surfaces should be abraded and cleaned with T161 or T162. (Acid etching is recommended for aluminium).
Adhesive Application	<ol style="list-style-type: none">1. Apply a drop or two of SAS206 to one surface only, enough to give a thin film after compression.2. Assemble the bond, applying light pressure over the bonded region until cured (approximately 15 seconds).3. Excess adhesive should be removed from the top of the container and the cap firmly replaced after use.
Curing	Handling strength is achieved approximately 15 seconds after bonding. Full cure is achieved 24 hours after bonding.
Cleaning	Surplus adhesive can be removed with a suitable solvent cleaner such as Alpha T161 or T162.

HEALTH & SAFETY INFORMATION

Alpha SAS206 is classified as hazardous according to Directive EC 1272/2008. Please refer to the Alpha SAS206 Safety Data Sheet for further health & safety information.

STORAGE

Alpha SAS206 should be stored in its original container with the cap securely tightened, in dry, cool conditions at temperatures below 25°C. Alpha SAS206 will keep satisfactorily for up to 12 months from date of manufacture if stored according to the recommended conditions. Storage at lower temperatures (1-4°C) increases storage life.

PRODUCT AVAILABILITY

Product Reference	Pack Size	Container	Box Quantity
Alpha SAS206	20g	Bottle	10
Alpha SAS206	50g	Bottle	10

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