

# CA431 Instant Adhesive

Engineering Adhesives

## DESCRIPTION

CA431 is a high viscosity cyanoacrylate which is surface insensitive and bonds to a wide variety of materials including wood, paper, cardboard, leather and fabrics etc.

<b>Physical Properties (liquid product)</b>	
Resin	Ethyl Cyanoacrylate
Colour	Clear
Cure Speed Without Activator: (Mild Steel)	20-40 seconds
Cure Speed With Activator	<10 seconds
Viscosity	850-1250cps
Gap Fill	0.1mm
Flash Point	>81°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.05
Operating Temperature	-54°C to 82°C

<b>Typical Properties</b>	
Shear Strength	
Steel to Steel (Mild Steel)	>15 N/mm <sup>2</sup>
Rubber to Rubber (Nitrile Rubber)	>10 N/mm <sup>2</sup>
Plastic to Plastic: (Polycarbonate)	>6 N/mm <sup>2</sup>
Tensile strength: (Mild Steel)	>18N/mm <sup>2</sup>

## APPLICATIONS

Typical applications include wood trim on furniture, balsa wood bonding for hobbyists, leather accessories on shoes, fabric bows on shoes and lampshade bonding.

## LIMITATIONS

## DIRECTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

On elastomer bonding and some plastics, residues or release agents on surfaces should be removed by solvent wipe with A061 Cleaner

## COMPATIBLE ACTIVATORS , ACCELERATORS & PRIMERS

Compatible with A113 as accelerator for fillet cure or for priming absorbent surfaces, such as wood, cork etc.,

## PACKAGING

500gm Bottles

## STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight

Shelf Life: 12 months @ 20°C

Recommended Storage Temperature 10-22°C

## HEALTH & SAFETY

For further information please refer to Safety Data Sheet

Contains: Ethyl-2-Cyanoacrylate

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