

速能化工貿易有限公

ULTRA ENERGY ADHESIVE TRADING CO. LTD.

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TECHNICAL DATA SHEET CA995

Description ULTRABOND CA995 is a medium viscosity medium setting velocity ethyl cyanoacrylate adhesive. Equivalent to Loctite's 495.

Application Ideal for bonding plastics, rubber, metal.

Full Cure SpeedPlastic:6 - 8 secondsRubber:4 - 5 secondsMetal:10 - 18 secondsWood:8 - 10 seconds(22°C, 50% relative humidity ASTM D1002, 0.1 N/mm2 tensileshear strength)

General Properties

Uncured monomer Ethyl Cyanoacrylate Main Component Appearance Clear Liquid Specific gravity, 25°C 1.05 Viscosity 25°C (CPS) 50 CPS Brookfield LV Spindle 20 30rpm >82°C Flash point Shelf life (20°C) months 6 Under 10°C Storage (Stored in cool & dry place, unopened bottle & out of direct sunlight)

| Gap Filling | 0.06 mm |
|---------------------------|-------------------------|
| Tensile Strength | 25-30 N/mm ² |
| Steel - Steel ASTM D-2095 | |
| Tensile shear Strength | 15-26 N/mm ² |
| Steel/ Steel ASTM D-1002 | |
| Service Temperature Range | -55 to 82°C |
| Full cure time | 24 hours |

Safety Direction

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Danger, irritant

Avoid contact with eyes and skin, bonds skin in seconds. In case of eye contact, flush with plenty water for over 15 minutes; call a physician immediately. Use in well-ventilated place. Avoid contact clothing; it can cause very strong heat.

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Application Direction

- The surfaces to be bonded should be clean and free of grease completely.
- ULTRABOND CD-1 Debonder or acetone can treat excess Adhesive.
- If setting time is too long due to large gaps or low relative humidity. ULTRABOND CS-1 Setter can be used.
- If the porosity of surface is higher, higher viscosity type should be better.
- Difficult to bond plastics, like PE, PP, Silicone Rubber, ABS, TPR, EPDM's Adhesion, ULTRABOND CP-1 Primer should be applied firstly, then applied ULTRABOND super glue.

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