



Anglo Adhesives & Services Ltd.

INDUSTRIAL ADHESIVE MANUFACTURERS - CONTRACT FILLING AND PACKAGING

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TECHNICAL DATA SHEET

EVO-TECH TC731

PRODUCT DESCRIPTION

Evo-Tech TC731 is a low viscosity, ethyl based cyanoacrylate adhesive. Evo-Tech TC731 is designed for the rapid bonding of plastics and rubbers and its low viscosity enables it to wick between close fitting parts and set within 5 seconds. These adhesive properties include rapid handling strength and high bond strength, making it a universal adhesive for most plastic and rubbers.

FIXTURING

Fixturing time is defined as the time after part assembly when the joint has developed tensile shear strength of 0.1 N/mm² measured at 22°C. The relative humidity of the surrounding atmosphere can greatly affect the speed of cure of cyanoacrylate. The relative humidity best suited for bonding with Evo-Tech TC731 is between 40% & 60%.

TYPICAL PROPERTIES

Monomer	Ethyl cyanoacrylate
Appearance	Clear liquid
Viscosity	20-50 cps
Toxicity	Non-Toxic
Flash Point (coc)	85°C
Shelf Life	Minimum 12 months stored at 5-25°C
Specific Gravity	1.05

PREPARATION

A solvent wipe is usually sufficient for most surfaces. On Aluminium surfaces these can be abraded and then solvent cleaned or as an alternative, chemically etched.

APPLICATION

Optimum results can be achieved by applying a small amount to one surface. Mate the surfaces to be bonded, then hold firmly using enough pressure to bring parts close together. Evo-Tech 731 must be applied sparingly to give high cure speed coupled with high bond strength.

CAUTION

Contains cyanoacrylate ester/ Bonds immediately with skin and is an eye irritant. Bonded skin should be peeled not pulled apart. Flush well with water. Seek medical attention for eye or internal contact. Use with adequate ventilation and keep away from children.