



Technical Data Sheet

Activator, Primer & De-bonder for RS Cyanoacrylate 'Superglues'

The Information given below should to be read in conjunction with the Technical Data Sheet, (TDS) for the particular RS cyanoacrylate or superglue being used.

RS 473-401 Cyanoacrylate Activator, 200ml Aerosol

RS 473-439 Superglue Gel Activator, 20ml (Also supplied in RS 473- 398 SMT Wire Tack Kit)

Supplied in either 20ml bottle of 200ml aerosol, the RS Activator is used in conjunction with the RS range of Cyanoacrylate 'Superglues' to accelerate the rate of cure. Rates below 2 seconds are possible. RS 473-439, 20ml bottle with brush top applicator, is particularly useful with RS 473-423, 20g Gel, to provide an 'instant bonding' kit in a smaller, possibly more convenient size, compared to the more usual 50g adhesive / 200ml aerosol activator kits available on the market typically used for mitre bonding and other trade applications. It should be noted that the use of an activator can reduce the final bond strength by up to 30% therefore testing should be carried out in critical applications.

Adhesive and activator should not be pre-mixed but applied separately, allowing the activator to dry before pressing the two parts together. Where possible apply the activator to the least porous / smoother surface.

RS 473-394 Cyanoacrylate Polyolefin Primer, 20ml Bottle:

RS Polyolefin Primer is used to make polyolefin and other low energy surfaces suitable for bonding with an RS Cyanoacrylate adhesive. Materials with low energy surfaces fall into the 'difficult to bond' category and include polyethylene, polypropylene, polytetrafluoroethylene (PTFE) and thermoplastic rubbers. Once treated the cured performance of the Cyanoacrylate bond is generally similar to that described in the TDS for the particular adhesive, but should not however, be used where high peel strengths are required. It also behaves as an activator and accelerates the speed of cure with fixture times below 5 seconds being achieved, depending on the adhesive and material to be bonded. However 24 hours should be still be allowed for the adhesive to fully cure and develop maximum bond strength.

RS 473-405 Cyanoacrylate De-bonder, 20ml Bottle:

Designed to assist in de-bonding and removing cured cyanoacrylate adhesive, care should be taken to ensure compatibility with the material of the parts being disassembled. Use sparingly and allow time for the adhesive to soften sufficiently to enable separation without excessive force. Use the de-bonder to remove residue and clean the joint.

Shelf Life:

200ml Aerosol: 18 months

20ml Bottles: 12 months

Both periods apply from date of receipt from RS if kept unopened in good conditions at 20°C, in accordance with those given in section 7 of the relevant MSDS.

H&S & Other Information:

Please refer to MSDS for all other information required in the use of these products.

Most up to date versions are retained on the RS website: www.rs-components.com.