

# SUPER CRYLIC! MUCH MORE THAN ACRYLIC

John Bristow introduces another useful tough-task adhesive from the Deluxe Materials range

words & photos » John Bristow

**O**ur article in the September issue presented a remarkable product called Fusion, which is unique in the hobby market and its existence is probably not known to many. Well, here is another and it's called SuperCrylic!

Epoxy and cyanoacrylate are very good glues when used for the right applications for bonding conventional materials such as metals and wood, especially across gaps. But what about plastics and polyester, or epoxy GRP? Then these glues don't perform very well. Enter SuperCrylic!

In this article we explain why this adhesive is different.



SuperCrylic! can bond a wide range of modelling materials.



The adhesive is dyed light blue and the activator is crystal clear.







The dyed colour enables easy mixing of the two to give a consistent mix.

**TWO PACK**

SuperCrylic! is a two-pack, tough task adhesive that is mixed very much like a two-pack epoxy i.e., mixed 1:1 by volume. However, being a toughened acrylic, the adhesive has greater wetting and spreading power on

surfaces, making it ideal for bonding many low energy and flexible plastics, polyester and epoxy GRP. Of course, it also bonds metals, carbon fibre and wood, that are relatively easy to bond.

It can be used in two ways: as an adhesive or as a laminating resin e.g., with glass fibre. Its bond is highly flexible, making it ideal for use with flexible plastics, as well as harder materials such as wood, metal and epoxy GRP. It also bonds low energy foam such as EPO (not eps or Depron), which is commonly used in many models.

We also have reports that it will bond contaminated surfaces such as oily or dirty wood and EPO, commonly used to make foam models (please note, always test on scrap material). What it will not bond is polythene, but that we will come to another day!

SuperCrylic! sets much faster, making it ideal for speedy building with composite materials. It has got good gap filling ability, like epoxy glue, giving very good strength across gaps, but unlike Fusion it can't be used to create plastic material.

Packed in aluminium tubes, the adhesive has a good shelf life and can be stored for up to a year.



Above: The adhesive starts to set immediately after mixing and remains mobile for up to two minutes. Its flexible nature is very evident soon after it is mixed.



At 3.5 minutes it is set.

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Solving **IMPOSSIBLE** tasks that other glues cannot

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and **SUPER CRYLIC!**

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If you cool the two tubes in a fridge at around 5 degrees C this will extend the working time to five or six minutes or longer.



SuperCrylic! tackles the hard task of bonding ABS plastic to itself, carbon fibre, brass and wood.



Similarly, SuperCrylic! has no problem with polyester GRP and wood, which epoxy is not so good at.



It's a flexible, tenacious glue that bonds plastic. Epoxy can't do this, cyano is too brittle and polyester resin will melt the plastic.

**SUPER CRYLIC! USER TIPS**

- Only mix small quantities at a time
- Take care to put the correct caps back on
- Colour one of the caps to avoid cross contamination.
- Extend the working time by cooling the glue in the fridge before mixing
- Clean brushes before the adhesive sets using cellulose thinners or Deluxe Materials 'Brush Magi'

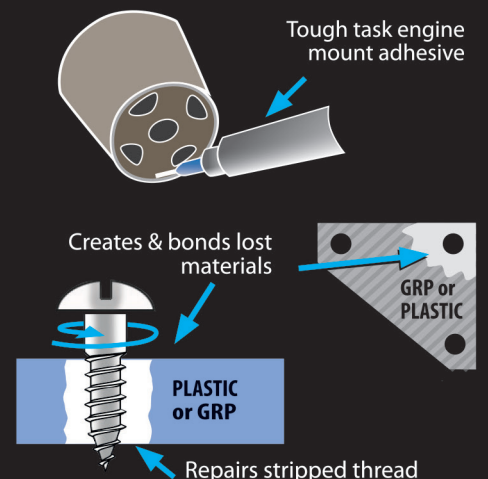


**Extreme strength on hard plastic, GRP, wood & metal**



Combined contents 70 ml AD19

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- Tough & sets hard in 10 minutes delivering extraordinary strength
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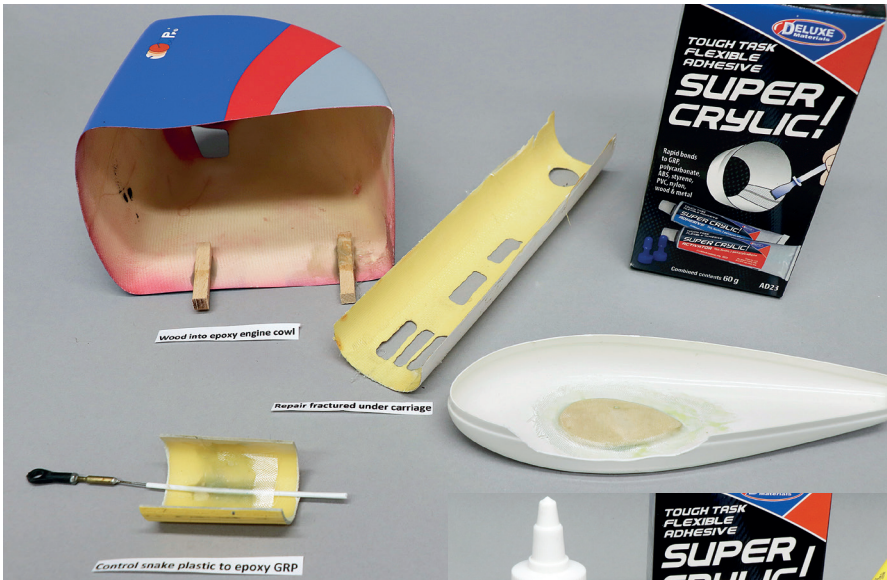
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Left: SuperCrylic! is thin enough to laminate with using 1oz glass cloth.



Above: Here are a few examples where laminating with 1oz glass cloth can be used to great effect:

- Bond a plastic styrene wheel pant
- Repair an epoxy undercarriage
- Bond a plastic control snake
- Bond wood to a GRP cowl

Right: When you have finished, clean your brushes with Brush Magic or cellulose paint thinners.



SuperCrylic! is more than epoxy, much, much more. It bonds more materials, it bonds better and it sets fast. What jobs will you find for it? ✈️

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# SUPER CRYLIC!

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- Bonds plastics that cyano & epoxy cannot
- Stronger than cyano & epoxy
- Tolerates oily surfaces

**Rapid bonds to GRP, polycarbonate, ABS, styrene, PVC, nylon, wood & metal**

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