

Recommended Glue Types

The glue types most commonly used by Objet experts are super glues (also known as cyanoacrylate). Generally, cyanoacrylate is an acrylic resin that rapidly polymerizes in the presence of water (specifically hydroxide ions).

ALTECO- ACE –D is usually used with an activator to control the bonding time. Use of an activator spray can also be used to harden the residues as they spill onto the model. They can then be sanded off, thus preventing access glue from spreading on the parts.

To get an instant bond, the glue should be applied on the desired surface and then sprayed with the accelerator.

For more information on the glues and accelerators, access the following links:

- Glues: http://www.alteco.com.sg/industrial_gluerange_ace.shtml
- Accelerators: <http://www.hobbylinc.com/htm/hot/hotqa-6.htm>



Figure 3. Recommended glue types

Other Glue Types

Rigid Parts

- LOCTITE 401 – medium viscosity
- Permabond Ultra Fast 792 – ultra fast cure time, general purpose
- Al-fix – comes with activator
- Kleiberit 851.0 – with easy to use applicator cap

Flexible Parts

- Sico Met 8300 and High Speed Accelerator Spray – good for elastomers
- Permabond Black Magic 737 for flexible parts

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