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Product Description

Tigerhawk 114 Instant SuperGlue Ethyl Cyanoacrylate is a low to medium viscosity cyanoacrylate that is used for a variety of bonding applications, but is ideally suited for bonding plastics, metal and rubber to themselves or various combinations.

Typical Applications

Tigerhawk 114 is a high strength general purpose Superglue. This product is ideal for bonding of name plates (plastic) or for thread termination on book bindings. It is recommended for use on small gaps or relatively smooth even surfaces, bond time is fast.

Instructions for Use

Ensure parts are clean, dry and free from oil and grease.

Procedure for Application

Product is normally hand applied from the bottle sparingly to one side and parts are held until fixture strength is achieved.

Compatible Accelerators

Accelerators such as Tigerhawk Excel 8112, Excel 8113 or Excel 8114 can be used for accelerating fixture speeds, for file curing or for priming absorbent surfaces.

Technical Features

Resin:..... Ethyl Cyanoacrylate
Color:.....Clear
Fixture Speed w/Accelerator...<5 seconds
Fixture Speed w/out Accelerator. 15-40 sec.
Viscosity 110 cP
Gap Fill.....0.006"
Shelf Life..... 12 months @ 40°F
Max. Operating Temp..... -65°F to +180°F

Cured Performance

Full Cure Time..... 24 hours @ 68°F
Tensile Shear Strength.....3200 psi

Presentation

Bottles..... 1 ounce and 1 pound

General Information

Storage

Refrigeration at 40°F provides optimum storage stability.

Note

Prior to use, remove all surface contaminants such as oil or grease. Products like isopropyl alcohol can be used. Test compatibility of cleaner with substrate. Make sure surface is completely dry before bonding.

Health & Safety in use

CAUTION: SuperGlues bond skin and eyes on contact. If accidental skin bonding occurs, wash area with warm soapy water and slowly pry skin apart using a blunt object (such as a teaspoon handle.) In case of eye contact, bathe immediately with water and seek immediate medical attention.