



Cyanoacrylate
Instant SuperGlue Ethyl
316
Product Data Sheet

Product Description

Vibra-TITE 316 Instant SuperGlue Ethyl Cyanoacrylate is a medium to high viscosity SuperGlue where large gap fill is important, or where the materials are absorbent. Instant SuperGlue 316 is versatile and will bond most plastics, rubbers, and metals. Because of its viscosity, Instant SuperGlue 316 allows additional alignment time.

Typical Applications

Typical applications are ferrite cores, magnets, loud speaker cones, metal badges and electronic components. Instant SuperGlue 316 is so versatile that it will bond many other substrates.

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 Vibra-TITE Excel 621, Excel 623 or Excel 624 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. 25-60 sec.
Viscosity1500 cP
Gap Fill.....0.008"
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. Product conforms to A-A3097 Type II and CL3 Ethyl.

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.