

CyanoBond HV Superglue Datasheet

Product Code: RC13107

General Description

CyanoBond HV superglue is a clear, modified ethyl cyanoacrylate adhesive. CyanoBond HV is suitable for a wide range of applications, including bonding rubber and metals, and provides excellent gap filling properties. CyanoBond HV can be used with Cyano Activate curing agent to speed up cure times on materials such as MDF, wood, rubber, and most plastics.

Physical Data

Properties	Data
Base	Mod. ethyl cyanoacrylate
Colour	Clear
Specific Gravity	1.08
Viscosity	Range 1275-1650 cPs Typical 1500 cPs
Tensile Strength	21 N/mm
Fixture Time	5-60 seconds
Full Cure	24 hours
Flash Point	> 85°C
Maximum Gap Fill	0.2mm
Operating Temperature	-50°C to +80°C
Shelf Life	12 months at 5°C

General Information

For safe handling information on this product, consult the material safety data sheets, (MSDS).

Presentation

50g

Storage

Store in a cool area, out of direct sunlight. Refrigeration to 5°C provides optimal storage stability (12 months).

Health & Safety

Danger. Superglue bonds skin in seconds. If accidental skin bonding occurs wash with warm soapy water and prise skin apart using a blunt instrument (such as a teaspoon handle). In case of eye contact, bathe immediately with water and seek immediate medical attention.

Application

Bond speed is very fast so ensure that parts are properly aligned before bonding. Activators may be required if there are gaps or porous surfaces. Some plastics may require application of a primer before bonding. Ensure parts are clean, dry and free from oil, grease or any other contaminants liable to impair adhesion. Product is normally hand applied from the bottle. Apply sparingly to one surface and press parts firmly together until handling strength is achieved. As a general rule, as little cyanoacrylate as possible should be used. Over-application will result in slow cure speed and lower bond strength.

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. RubberSmart cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.