

EVERBUILD INDUSTRIAL SUPERGLUE HV



Colour	Product Code	Pack Size	Box Qty
Clear	HV20	20gm	25
	HV50	50gm	20

Product Description

EVERBUILD INDUSTRIAL SUPERGLUE HV is a high viscosity flash setting industrial adhesive based on advanced cyanoacrylate technology.

Benefits

- Flash setting formulation, bonds to most porous and non porous surfaces in seconds.
- Fills gaps up to 0.25mm
- Single component adhesive
- 100% solvent free
- Economical in use

Limitations

- Ensure surfaces are degreased prior to bonding.
- Ensure surfaces are close fitting. This adhesive will not bridge gaps.
- Do not use on glass.
- Do not use in applications involving constant water immersion.
- Do not use on bitumen or tar leaching products.
- As the manufacturer cannot know all the uses its products may be put to, contact technical services for advice if in any doubt.

Application

The surfaces to be glued should be clean, dry and free from dust, grease and other contaminants. Materials should be stored in a warm environment prior to bonding to avoid chilling of the glue line, which leads to extended setting times. Where possible, ensure working environment has a relative humidity of 50% +.

Apply adhesive to one surface only. Press surfaces together and hold for 10 seconds or as indicated below. Cure speed is rapid so exercise care when aligning.

Specific Data

Form	Clear liquid.
Viscosity	100-120 poise
Base	Ethyl Cyanoacrylate
Solids	100% Active
Specific Gravity	1.05
Flash Point	>85 Degrees C
Tensile Strength	28-32Nmm ² (steel-steel ASTM D2095)
Shear Strength	15-20Nmm ² (steel-steel ASTM D1002)
Impact Strength	1.8-2.0Nmm ² (steel-steel ASTM 950)

Refractive index	1.46 (cured adhesive)
Hardness	82 (Rockwell cured adhesive)
Specific resistance	8×10^{12} OHM/cm (cured adhesive)
Dielectric Const.	3.44 @ 1MHZ (cured adhesive)
Softening Point	150 ^o C
Working temps.	-60 to +80 ^o C
Setting times	5-60 seconds (plastic to plastic) 2-20 seconds (rubber to rubber) 10-60 seconds (degreased metal to metal)
Toxicity	Non toxic

Health & Safety

Consult MSDS for full list of hazards.

Storage

Store in cool, dry conditions between +5 and +25°C. Ensure good ventilation. Storage outside these parameters will dramatically reduce shelf life.

Shelf Life

12 months from date of manufacture when stored as directed.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.