

PRODUCT DATA SHEET

EVERBUILD STICK2[®] Superglue HV

A HIGH VISCOSITY SUPERGLUE FOR POROUS AND NON POROUS SUBSTRATES.

PRODUCT DESCRIPTION

EVERBUILD STICK2[®] Superglue HV is a high viscosity industrial adhesive based on advanced cyanoacrylate technology. This formula is suitable for use on both porous and non porous substrates where a slightly delayed set is required.

USES

Ideal for use on:

- MDF
- Rubber
- Metals
- PVCu
- Plastics

CHARACTERISTICS / ADVANTAGES

- Fast 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

Solids	100% Active
Refractive Index	1.45 (cured adhesive)
Softening Point	160°C

PRODUCT INFORMATION

Chemical Base	Ethyl Cyanoacrylate.
Packaging	Available in 20g and 50g bottles, packed in self merchandising display boxes.
Colour	Clear liquid.
Shelf Life	12 months from date of manufacture when stored as directed.
Storage Conditions	Store in cool, dry conditions between +5 and +25°C. Ensure good ventilation. Storage outside these parameters will dramatically reduce shelf life.
Density	1.1 g/cm ³
Viscosity	120-180 poise.

TECHNICAL INFORMATION

Shear Strength	>20Nmm ² (steel-steel ASTM D1002)
Service Temperature	-60 to +80°C

APPLICATION INFORMATION

Curing Time

Setting time range:

- 15-40 seconds plastic to plastic
- 10-15 seconds rubber to rubber
- 10-60 seconds degreased metal to metal

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

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.

LIMITATIONS

- Ensure surfaces are degreased prior to bonding.
- Ensure surfaces are close fitting. This adhesive will not bridge gaps.
- 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.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The



Product Data Sheet
EVERBUILD STICK2® Superglue HV
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user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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