

## PRODUCT DATA SHEET

# EVERBUILD STICK2<sup>®</sup> Superglue GP

A MEDIUM VISCOSITY FORMULA FOR NON-POROUS SUBSTRATES.

### PRODUCT DESCRIPTION

EVERBUILD STICK2<sup>®</sup> Superglue GP is a medium viscosity flash setting industrial grade adhesive based on advanced cyanoacrylate technology. For use on perfect fit surfaces where fast set is required. Bonds non-porous surfaces. Set time 10 to 15 seconds.

### USES

EVERBUILD STICK2<sup>®</sup> Superglue GP is suitable for use on plastics, metals, PVCU and EPDM.

### CHARACTERISTICS / ADVANTAGES

- Flash setting formulation, bonds to most non porous surfaces in seconds.
- Fills gaps up to 0.1mm
- Single component adhesive
- 100% solvent free
- Economical in use

<b>Solids</b>	100% active
<b>Flash Point</b>	>85 °C
<b>Impact Strength</b>	1.8 - 2.0 N/mm <sup>2</sup> (steel-steel ASTM 950)
<b>Refractive Index</b>	1.46 (cured adhesive)
<b>Hardness</b>	82 (Rockwell cured adhesive)
<b>Specific Resistance</b>	8 x 10 <sup>12</sup> Ohm/cm (cured adhesive)
<b>Dielectric Const.</b>	3.44 @ 1MHz (cured adhesive)
<b>Softening Point</b>	150 °C
<b>Working Temps.</b>	-60 to +80°C
<b>Setting times</b>	5-60 seconds (plastic to plastic) 2-20 seconds (rubber to rubber) 10-60 seconds (de-greased metal to metal)

### PRODUCT INFORMATION

<b>Chemical Base</b>	Ethyl Cyanoacrylate
<b>Packaging</b>	20g and 50g plastic bottle, packed in self merchandising display boxes.
<b>Colour</b>	Transparent
<b>Shelf Life</b>	12 months from date of manufacture when stored as directed.
<b>Storage Conditions</b>	Store in cool, dry conditions between +5 and +25°C. Ensure good ventilation. Storage outside these parameters will dramatically reduce shelf life.
<b>Density</b>	1.05 g/cm <sup>3</sup>
<b>Viscosity</b>	100-120 poise

## TECHNICAL INFORMATION

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<b>Tensile Strength</b>	28-32 N/mm <sup>2</sup> (steel-steel ASTM D2095)
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<b>Shear Strength</b>	15-20 N/mm <sup>2</sup> (steel-steel ASTM D1002)
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## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

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% +.

### APPLICATION METHOD / TOOLS

Apply adhesive to one surface only. Press surfaces together and hold for 10 seconds or as indicated above. 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 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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