

EVERBUILD INDUSTRIAL SUPERGLUE GP



| Colour | Product Code | Pack Size | |
|--------|--------------|-----------|---------|
| Clear | CYN20 | 20gm | SA02052 |
| Clear | CYN50 | 50gm | SA02053 |
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Product Description

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

Benefits

- 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

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) |

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| 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 x 10 ¹² OHM/cm (cured adhesive) |
| Dielectric Const. | 3.44 @ 1MHZ (cured adhesive) |
| Softening Point | 150°C |
| Working temps. | -60 to +80°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.

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