

## LOCTITE® Super Bond XXL 20g

### CHARACTERISTICS

LOCTITE® Super Bond XXL 20g is a one-part instant liquid adhesive.



### APPLICATION FIELD

It is designed for home and/or professional-use and forms strong bonds between a wide range of common materials. It is the ideal adhesive for bonding materials such as plastics, rubbers, metals, woods, ceramics, leather, fabrics, cardboard and paper.

### RESISTIBILITY

- **Temperature:** withstands low temperatures down to -50°C and short-term exposure up to +120°C.
- **Water:** it is water-resistant to EN204-D3 standard and ceramic bonds can withstand >100 dishwasher cycles (under controlled laboratory conditions).
- **Shock:** Aluminium bonds withstand over 50 x 1-metre drops onto a concrete surface.

### INSTRUCTIONS FOR USE

1. Ensure all surfaces to be bonded are clean and dry and close-fitting.
2. Avoid skin contact with the glue.
3. Apply a minimum quantity of LOCTITE® Super Bond XXL 20g to one of the surfaces to be bonded.
4. Bring parts together immediately and hold by hand pressure for at least 1 minute.
5. Leave undisturbed for 10 minutes or preferably overnight to allow full bond strength to develop.
6. Avoid spillages and protect work surfaces. Remove cured residues of LOCTITE® Super Bond XXL 20g with LOCTITE® Glue Remover.
7. For best results, the bonds should be prepared at room temperature (15-30°C) and a minimum 30% relative humidity.
8. For optimum product life, wipe the nozzle with a tissue to remove excess adhesive, replace cap and store the pack in a cool, dry place.

### APPENDIX

#### Consumption and other information

**Bonding speed:** Initial adhesion in 3 to 30 seconds, depending on the substrate.

**Bond strengths (ISO 4587):** 10 to 20 N/mm<sup>2</sup> (tensile shear) in 12 to 24 hours, depending on the substrate.

#### TECHNICAL DATA

Composition	Ethyl cyanoacrylate
Appearance	Clear liquid
Density, g/cm <sup>3</sup> at 20°C	1.08
Viscosity, mPas.s	70 - 1000
Pack, 20g	bottle
Safety	See SDS 2046756
Shelf life 2 - 8°C	21 months unopened

## LIMITATIONS

### Storage

- Do not use on dusty, dirty or wet surfaces.
- Not suitable for bonding polypropylene, polyethylene, PTFE, silicone rubber, glass, glazed surfaces, very soft leather or foams.
- Never use for bonding assemblies that will hold hot liquids, or items exposed to high temperatures for long periods.
- Optimum bonding performance is achieved in dry conditions.

Store in a cool, dry place, out of reach of children.

## HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available on request.

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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