

## CONLOC CA-ADHESIVE

are clear, solvent-free, one-component cyanoacrylate adhesives which under slight pressure cure spontaneously with atmospheric and surface moisture.

### APPLICATION

CONLOC CA is suitable for bonding preferably small parts in a matter of seconds. Meets Requirements of IVD Instruction Sheets No. 35.

#### Application:

Apparatus engineering · Appliance manufacturing · Control technology · Dental technology · Electrical industry · Electronics industry  
Measurement technology · Medical technology · Optics · Plastics processing · mechanical engineering · Precision mechanics · Rubber processing · Shoe industry · Textile industry

#### Good adhesion:

ceramics · metal · plastics · rubber · wood

### INSTRUCTIONS

- ① Use EGO REINIGUNGSSPRAY for cleaning.
- ② Adhesion surfaces must be dry, clean, sound and free from substances liable to impair adhesion.
- ③ Apply the adhesive in lines or drops to one surface and press the surfaces together immediately.

### STANDARD GRADES

| Grade   | Viscosity                         | Typical Uses/Properties  |
|---------|-----------------------------------|--|
| CA 003  | Low-viscous, 2 - 5 mPa·s          | For very even surfaces and rubber                                  |
| CA 040  | Low-viscous, 30 - 70 mPa·s        | Universal grade, levels small unevennesses                         |
| CA 120  | Medium-viscous, 90 - 120 mPa·s    | For rough surfaces, joint widths up to 0.1 mm                      |
| CA 528  | Medium-viscous, 100 mPa·s         | Like grade 040, especially suited for bonding APTK/ EPDM           |
| CA 1500 | Highly-viscous, 1200 - 1500 mPa·s | Fixing plastic threads, wood and leather, joint width up to 0.2 mm |

### SPECIFICATIONS

| Uncured CA Adhesives       | Results                            |
|----------------------------|------------------------------------|
| Chemical base              | a-cyanacrylate                     |
| Density                    | 1,0-1,1 g/cm <sup>3</sup>          |
| Flash point                | 83 °C                              |
| Vapour pressure            | < 1hPa (20 °C)                     |
| Cured CA Adhesives         | Results                            |
| Service temperature        | -60 °C to +80 °C                   |
| Shear strength             | up to approx. 20 N/mm <sup>2</sup> |
| Softening Range            | 160 °C to 170 °C                   |
| Refraction Index           | 1,45                               |
| Specific volume resistance | > 9·10 <sup>12</sup> Ω·cm          |
| Dielectric constant        | 2-3,5                              |
| Dielectric strength        | 25 KV/mm                           |

### AVAILABILITY AND STORAGE

|                 |  |
|-----------------|--|
| Standard Colour | colourless   |
| Packaging       | <ul style="list-style-type: none"> <li>■ plastic bottles [10g, 25g, 50g, 100g, 500g]</li> <li>■ Special packaging on request</li> </ul>  |
| Storage         | Shelf life in cool and dry conditions in the original, closed bottle: <ul style="list-style-type: none"> <li>■ 6 months [Normal climate]</li> <li>■ 12 months [well cooled]</li> </ul> |

### SAFETY INFORMATION

|                     |  |
|---------------------|--|
| Complies with       | Regulation (EC) No 1907/2006 (REACH) and No. 1272/2008 (CLP) |
| Labelling           | see SDS  |
| Safety instructions | see SDS  |
| Disposal            | see SDS  |

For warnings refer to the Safety Data Sheet. The above information is the result of thorough research; previous information is hereby invalidated. Check for yourself whether the product is suitable for your purposes. Our possible liability is limited to the value of our product as such. We cannot accept any liability for indirect damage, in particular for the application or unusability of the product. No one is authorized to make recommendations or assurances on our behalf that go beyond the content of our information sheets.