

## TECHNICAL DATASHEET

### 5102 – Activator DMPT-free

(Primer for cyanoacrylates)

#### Description

Activator 5102 accelerates the curing speed of cyanoacrylate adhesives and can be applied either:

- **Before** the adhesive is applied, to speed up the curing process
- **After** bonding, to safely cure excess adhesive and quickly ensure a touch-dry surface

Accelerated curing of cyanoacrylate adhesives is recommended when:

- Reliable processing within a few seconds is required
- Inactive or porous materials are involved (e.g., metals, wood, ceramics, etc.)
- Large gaps are present, which would otherwise prolong curing time

#### Advantages

- Material-independent acceleration of adhesive curing
- Rapid evaporation within seconds
- Free from carcinogenic or otherwise toxic components (DMPT-free)

#### Physical properties (liquid product)

Chemical base	Solvent based activator
Shelf-life standard packaging	3 years at room temperature
Density DIN 51757	~ 0.8 g/cm <sup>3</sup>
Color	colorless

### Instructions for Use

- The activator is usually applied to one side before the adhesive
- Minimum spraying distance approx. 20 cm.
- Use sparingly – overapplication may reduce strength.
- Allow to evaporate completely before joining parts
- When bonding different materials, it is recommended to apply the activator to the more porous material
- After joining, hold the parts in place for 10–15 seconds
- To cure excess adhesive, apply the activator to the bond line and allow it to evaporate. The surface will be touch-dry after approx. 10–15 seconds. Full cure depends on the adhesive layer thickness
- When used on plastics, it is recommended to test compatibility on an inconspicuous area.

### Precautions

For your own safety, please refer to the information of the concerned MSDS and for the correct handling the “user instructions”.

The information in this data sheet is based on the results of our research and experience. However, the suggestions herein concerning the use, application, and processing of the products (collectively, „the methods“) **are non-binding recommendations only**. It is the user’s sole responsibility to determine the suitability and safety of these methods, based on the user’s particular purpose in using the products. Before relying on the reliability and safety of any parts that are bonded using the products, it is extremely important that the user test the reliability and safety of the parts that are bonded. Failure to do so could result in serious personal injury. Because of the use of the products are within the purchaser’s sole control, Kisling Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability or fitness for a particular purpose, arising from the sale or use of the products described herein. Kisling Corporation specifically disclaims any liability for consequential, incidental, or other damages of any kind, including lost profits. Kisling Corporation’s liability for damages shall not exceed the purchase price of the products used.

TIS\_5102\_e/OT/16.07.2025