

TECHNICAL DATASHEET

4920

(Solvent free activator / accelerator for anaerobic curing adhesives and sealants)

Description

This medium viscous activator is based on methacrylic monomer and does not contain organic solvents. It accelerates the curing process of anaerobic adhesives and is recommended whenever curing within seconds is required, or if inactive materials or further if too big gaps avoid normal curing.

Advantages

- Viscosity is adjusted for dispensing via rotor-spray
- Solvent-free
- Very fast curing
- Easy process control – Fluorescent for in line testing

Physical properties (liquid product)

Chemical base	Methacrylic monomer
Colour	Bright blue-green
Fluorescence (excitation at ~ 365 nm)	Yellow / green (~ 520 nm)
Viscosity (25°C; Brookfield RVT; Spindle 3; 20rpm)	450 – 500 mPa•s
Density bei 25 °C	1.04 – 1.08 g/cm ³
Shelf life	1 year at room temperature
Flashpoint	> 100°C

Curing properties

Activity (reaction) in a mixture of 1:1 Measured according to PA407 (internal method)	10 – 20 seconds
Fixture time depending on the anaerobic adhesive	10 – 30 seconds
Final strength depending on the anaerobic adhesive	2 – 12 hours

Instruction for use

- Apply 4920 to one surface and the adhesive to the other.
- The activator must remain liquid, do not try to dry.
- The components should be joined together immediately if possible or at the latest after 15 minutes.
- Fix the joined parts for at least 20 seconds (please check your specific application for the correct fixture time).
- Store the parts until the functional or final strength is reached.

It is also possible to apply a bead of activator close to a bead of adhesive (e.g. with rotor spray) and mix them while moving the parts.

Warning!

Never mix bigger amount of adhesive and activator directly!

Precautions

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

WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KISLING products are safe, effective, and fully satisfactory for the intended end use. KISLING sole warranty is that the product will meet the KISLING sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KISLING specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KISLING provides you with a specific, duly signed endorsement of fitness for use, KISLING disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.

TIS_4920_e/PC/25.01.2022