

## Technical Information

## GORAPUR® LK 8779-61 E

## Description

Gorapur® LK 8779-61 E is a solvent based release agent for the manufacturing of cold cured cushion foam.

## Key performance benefits

- Strong release.
- Low build-up in the moulds.
- Low spraying amounts.
- Short drying time.
- It can be applied with brush or spraying device in only one application.

## Typical properties\*

Appearance	White dispersion
Density at 25°C	0.74 – 0.78 g/cm³
Carrier	Petroleum distillates

\* For actual ranges, please refer to the Certificate of Analysis (CoA) / Sales Specification.

## Application

- Demoulding of cold cured flexible for automotive seats, headrests, armrests, dashboards, sound isolation parts and for furniture: MDI, MDI/TDI or TDI systems. By lubricating the mould, it prevents sticking of foam to the mould and gives an easy release of the PU material.
- Preferred mould temperature: 45 to 75 °C.

## Instruction for use

The product is a ready-to-use release agent. The concentration of active substances is higher in this product than in conventional release agents.

It must be sprayed carefully in order to create a thin layer with uniform distribution. A thicker layer of release agent will not enhance the release effect but will tend to impede it instead.

A set distance should be maintained between the gun and mould surface to optimize film formation. In case of a very short cycle time or very low mould temperatures, we recommend blowing air onto the film after spraying or wiping it with cloth after spraying.

Preliminary tests are necessary to define the right consumption rates.

## Device adjustments

Spray gun	Air-mix or airless gun, e. g., W 3 FZ, duo or any other air assisted equipment
Nozzle size	0.3 – 0.8 mm Ø
Pressure on material	Approx. 0.5 – 2,5 bar
Pressure on air (Air-mix)	Approx. 1,5 – 3,0 bar

Preliminary tests are recommended.

## Storage recommendations

- Stir well prior to use!
- Keep away from sources of ignition and ensure good ventilation.
- Do not store outside.
- Storage temperature: 10 to 30 °C.
- Shelf life from the date of manufacture: 12 months. For exact date of expiration, please consider CoA.

## Safety instructions

Please consult the Safety Data Sheet for summary of product hazards, personal protective measures, and emergency release procedures.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

**Evonik Operations GmbH**  
Rellinghauser Straße 1-11  
45127 Essen, Germany  
Phone: +49 201 173 3006  
Email: [polyurethane@evonik.com](mailto:polyurethane@evonik.com)



For any further information, contact either your regional sales or technical support or visit our customer portal [explorepu.evonik.com](https://explorepu.evonik.com).