

User Manual

TRIPOND Hardener for Liquid Pond Liner

Reactive component for TRIPOND Liquid Pond Liner

As of: 03/2026



TRIPOND
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TRIPOND HARDENER FOR LIQUID POND LINER

Reactive component for TRIPOND Liquid Pond Liner

1. General Information

This user manual describes the safe use, mixing, application, drying, storage and disposal of TRIPOND Hardener for Liquid Pond Liner.

The information is based on the product label "TRIPOND Hardener for Liquid Pond Liner", as of 03/2026. For safety-relevant information, the labelling on the container and the respective current safety data sheet are additionally authoritative.

NOTE

Summary: Reduced drying time, up to threefold increased resistance and improved acid protection when used with TRIPOND Liquid Pond Liner.

EMERGENCY INFORMATION

NOTE

For chemical products, the labelling on the container and the current safety data sheet are authoritative.

WARNING

Poison emergency hotline (Charité) for Berlin and Brandenburg: 030 19240.

In the event of acute severe symptoms, fire, accident or immediate danger to life: 112.

2. Safety Information

WARNING

The product is classified as a hazardous substance. During application, suitable protective gloves, protective clothing and eye protection must be worn.

Keep away from heat, sparks, open flames and other ignition sources. No smoking.

Do not breathe vapours. Ensure very good ventilation during application and drying.

2.2 Hazard Statements

CODE	HAZARD STATEMENT
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

2.3 First Aid and Precautionary Measures

- In case of skin contact, immediately take off contaminated clothing and wash the skin thoroughly with water or shower.
- In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing.
- If medical advice is needed, have the packaging or label to hand.
- In enclosed or poorly ventilated areas, use respiratory protection with an A2-P2 filter.

DANGER

Liquid and vapour are flammable. Do not breathe vapours. Ensure good ventilation and keep away from ignition sources.

3. Product Description and Intended Use

TRIPOND Hardener for Liquid Pond Liner is a low-viscosity, solvent-based reactive component for use with TRIPOND Liquid Pond Liner.

The hardener has been developed to accelerate the chemical curing of the liquid liner and to significantly increase the resistance of the finished coating.

Adding the hardener shortens the drying and curing time. At the same time, the stability of the coated surface can be increased by up to threefold. The finished coating also gains improved protection against dilute acids and alkalis as well as greater resistance to solar radiation and temperature effects.

The hardener is free from phenol and PCB.

TRIPOND Hardener for Liquid Pond Liner is used

exclusively together with TRIPOND Liquid Pond Liner. The system is particularly suitable for coating pond basins and comparable water-bearing surfaces where increased chemical resistance and a shorter curing time are required.

WARNING

The hardener must not be applied on its own.

4. Substrate Preparation

Substrate preparation is carried out in accordance with the user manual for TRIPOND Liquid Pond Liner.

The substrate must be load-bearing, clean, dry and appropriately prepared. Primer coats, sealing and preparatory measures must be carried out in accordance with the specifications for TRIPOND Liquid Pond Liner.

Connections, inlets, bottom drains and flange areas must be carefully prepared before application. Transitions and connections must be sealed with TRIPOND Universal Sealing and Bonding Compound as an expansion joint. The mixture of liquid liner and hardener is then brushed over this joint and the flange area.

5. Mixing and Application

NOTE

The mixed material cannot be stored and must be applied within 2 hours. A second and third coat may only be applied after the previous coat has fully dried through.

5.1 Mixing Ratio

DETAIL	VALUE / NOTE
Mixing ratio	3 parts by volume TRIPOND Liquid Pond Liner to 1 part by volume TRIPOND Hardener for Liquid Pond Liner
Example	3 litres TRIPOND Liquid Pond Liner + 1 litre TRIPOND Hardener = 4 litres of ready-to-use mixture
Mixing technique	Mix thoroughly with a slow-running, power-driven mechanical stirrer
Decanting	After mixing, decant into a separate clean container; do not apply directly from the supplied container

5.2 Pot Life

The mixed material must be applied within 2 hours.

The mixed material cannot be stored. Once the pot life has elapsed, the material must not be used further.

6. Application

The mixture is applied to the prepared substrate in three passes.

Suitable application methods are brushing, rolling or airless spraying.

Vertical surfaces must always be coated from bottom to top. Each further coat may only be applied once the previous coat has dried through completely.

Freshly applied coatings must be protected from heavy rain, as they may be damaged or washed off.

DETAIL	VALUE / NOTE
Number of passes	3 coats
Drying time per coat	approx. 6 to 12 hours
Suitable methods	Brushing, rolling or airless spraying

7. Drying and Initial Loading

Coated basins and ponds may only be filled after they have dried through completely.

Full load-bearing capacity is recommended after approximately 3 to 4 days. Only then should the finished coating system be subjected to permanent stress or exposed to water.

8. Application Temperature and Ventilation

DETAIL	VALUE / NOTE
Recommended application temperature	5 °C to 25 °C
Hot surfaces	Do not apply to strongly heated surfaces
Direct sunlight	Avoid direct intense sunlight during application
Ventilation	Ensure very good ventilation during application and drying
Respiratory protection	In enclosed spaces, containers or poorly ventilated areas with insufficient ventilation, use a respirator with an A2-P2 filter

9. Cleaning, Maintenance and Inspection

Tools and work areas must be treated in accordance with the specifications for TRIPOND Liquid Pond Liner and the current safety data sheet.

Before filling, coated surfaces must be checked for complete drying-through, even application and undamaged connections.

10. Faults, Causes and Remedies

FAULT / OBSERVATION	POSSIBLE CAUSE	REMEDY
Mixture is thickening or is older than 2 hours	Pot life exceeded	Do not use the material further and dispose of it properly
Coating is damaged by rain	Fresh application was exposed to rain too soon	Protect the fresh coating from heavy rain and rework damaged areas after complete drying in accordance with the system specifications
Subsequent coat adheres insufficiently	The previous coat had not dried through completely or the substrate was unsuitable	Wait for it to dry through and prepare the substrate in accordance with the user manual for TRIPOND Liquid Pond Liner
Vapours or odour in enclosed areas	Insufficient ventilation	Interrupt work, ventilate, keep away from ignition sources and use suitable respiratory protection

11. Storage and Disposal

The product must be kept locked up and protected from heat and ignition sources.

Empty tins must be passed to proper waste disposal. Material residues must be disposed of as hazardous waste. The contents and the container are disposed of in accordance with local, regional, national and international regulations.

11.1 Technical Data and Labelling

DETAIL	VALUE / NOTE
Product	TRIPOND Hardener for Liquid Pond Liner
Product type	Low-viscosity, solvent-based reactive component
Use	Only together with TRIPOND Liquid Pond Liner
Hazard-determining components	Contains, among others: xylene, aromatic polyisocyanate and m-tolylidene diisocyanate
GISCODE	BBP 20 - bitumen compounds, low-aromatic, solvent-based
Water hazard class	WGK 1, slightly hazardous to water
UFI	HJTJ-QFKC-6X58-3KUC

12. Accessories and Complementary Products

TRIPOND Liquid Pond Liner is the associated coating system with which this hardener is used exclusively.

TRIPOND Universal Sealing and Bonding Compound is used to seal transitions and connections as an expansion joint.

13. Warranty, Liability and Technical Changes

Application must be carried out in accordance with this user manual, the instructions for TRIPOND Liquid Pond Liner, the labelling on the container and the respective current safety data sheet.

Technical changes and product-related updates are reserved. No claims can be derived from improper storage, mixing, application or use outside the described scope of application.

14. Contact and Manufacturer Details

Aqualogistik GmbH

Delecker Weg 30

59519 Möhnesee

Germany

Tel.: +49 2924 87750

Email: info@aqualogistik.com

If you have questions about application, please contact the TRIPOND hotline: +49 (0) 29 24 - 87 75-25.

Standard call charges from the German landline network apply; mobile rates may differ.

15. Personal Installation Data and Notes

DETAIL	ENTRY
Project / Installation	
Application date	
Substrate	
Batch used	
Applicator / Specialist company	
Special notes	