

# INSTRUCTIONS FOR USE

## AORTHA ORTHABOND CONTACT ADHESIVE - 500 ml

Professional contact adhesive | SKU RA1273

|                           |                                       |                            |
|---------------------------|---------------------------------------|----------------------------|
| Product: ORTHABOND 500 ml | SDS reference: Version 3 - 23/09/2024 | IFU issue date: 07/10/2026 |
|---------------------------|---------------------------------------|----------------------------|



### DANGER

**Highly flammable liquid and vapour. Causes skin irritation and serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.**

Contains rosin/colophony; may produce an allergic reaction. Use only with adequate ventilation. Keep away from heat, sparks and open flames. No smoking.

### SECTION 1: INTENDED USE AND PRODUCT DESCRIPTION

Orthabond is a polychloroprene (neoprene) contact adhesive for professional workshop use. It is intended to create a strong, flexible, permanent bond between appropriately prepared surfaces.

- Suitable materials include leather, rubber, foam, EVA, cork, textiles/fabric, plastics and PVC components, wood/plywood, metal and paper.
- Typical applications include footwear repair and manufacture, leatherwork, foam bonding, upholstery, model/prop making and general workshop or industrial bonding.
- Not intended for load-bearing structural applications. Test compatibility on a small area before full application, particularly on sensitive plastics or finished surfaces.
- Use only for the recommended adhesive applications. Do not use for carpet laying.

### SECTION 2: PERSONAL PROTECTION AND WORK AREA

- Use in a well-ventilated area. Provide local exhaust ventilation where practicable and avoid breathing vapours.
- Eliminate ignition sources before use. Keep away from heat, hot surfaces, sparks and open flames. No smoking.
- Wear protective gloves and eye/face protection. The SDS specifies PVC protective gloves (EN 374) and splash-resistant eye/face protection.
- Where ventilation does not adequately control vapour exposure, use suitable respiratory protection following workplace risk assessment; the SDS identifies an A2 filter type.
- Do not eat or drink in the application area. Keep the container tightly closed when not in active use.

### SECTION 3: DIRECTIONS FOR USE

|   |                                                                                                                                                                                                                            |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Prepare both surfaces. Sand or roughen where needed to improve the bonding surface.                                                                                                                                        |
| 2 | Remove dust, grease and other contaminants. Surfaces should be clean and ready for bonding.                                                                                                                                |
| 3 | Apply a thin, even coat of Orthabond to both surfaces to be joined.                                                                                                                                                        |
| 4 | Allow the adhesive to partially dry before joining. As a working guide, allow around 15 minutes; the current technical specification lists an approximate drying time of 15-20 minutes and an open time of 15-120 minutes. |
| 5 | Align carefully before contact. Bring the surfaces together and press firmly for at least 1 minute. The bond forms immediately on contact, so repositioning may not be possible.                                           |
| 6 | Allow up to 24 hours for maximum bond strength before subjecting the joint to demanding service.                                                                                                                           |

#### Quick technical reference

| Pack size | Polymer base               | Open time  | Max. bond strength |
|-----------|----------------------------|------------|--------------------|
| 500 ml    | Polychloroprene (neoprene) | 15-120 min | Up to 24 h         |

## SECTION 4: AFTER USE AND STORAGE

- Close the container carefully and tightly after use. Keep opened containers upright to prevent spills.
- Store between 5 and 25 C in a dry, well-ventilated place, away from direct sunlight, heat and ignition sources.
- Keep away from oxidising agents and strongly acidic or alkaline materials. Do not smoke in storage areas.
- Do not pressurise the container. Keep the product in a container made from material compatible with the original packaging.

## SECTION 5: FIRST AID

|                     |                                                                                                                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Move the person to fresh air and keep them warm and calm. If breathing is irregular or stops, obtain urgent medical assistance and provide appropriate first aid. Seek medical attention if symptoms persist. |
| <b>Eye contact</b>  | Remove contact lenses if present and easy to do. Rinse with plenty of clean, cool water for at least 10 minutes while lifting the eyelids. Do not rub the eye. Seek medical assistance.                       |
| <b>Skin contact</b> | Remove contaminated clothing. Wash the skin thoroughly with water and soap or a suitable skin cleanser. Never use solvents or thinners on the skin.                                                           |
| <b>Ingestion</b>    | Seek immediate medical attention. Keep the person calm. Do not induce vomiting.                                                                                                                               |

## SECTION 6: FIRE, SPILLS AND ACCIDENTAL RELEASE

- Fire: suitable extinguishing media include dry powder or CO<sub>2</sub>; for more serious fires, alcohol-resistant foam or water spray may be used. Do not use a direct water jet.
- Spill: remove ignition sources, ventilate the area and avoid breathing vapours. Contain and absorb with inert material such as sand, earth or vermiculite.
- Prevent the product and contaminated clean-up materials from entering drains, sewers, surface water or soil. Place waste in closed, suitable containers for disposal.

## SECTION 7: DISPOSAL AND ENVIRONMENTAL PROTECTION

- Do not pour product or residues into drains, sewers or waterways. The product is toxic to aquatic life with long lasting effects.
- Dispose of unused product, contaminated absorbent and empty containers in accordance with applicable local and national waste requirements.

## SECTION 8: PRODUCT AND SUPPLIER INFORMATION

|                            |                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product</b>             | Aortha Orthabond Contact Adhesive - 500 ml   SKU RA1273                                                    |
| <b>UFI</b>                 | UQG2-X0Y1-G006-F83E                                                                                        |
| <b>Supplier</b>            | A.Algeo Ltd, Sheridan House, Bridge Industrial Estate, Speke Hall Road, Liverpool, L24 9HB, United Kingdom |
| <b>Contact</b>             | +44 (0)151 448 1228   info@algeos.com   www.algeos.com                                                     |
| <b>Emergency telephone</b> | +44 (0)151 448 1228 - office hours only, Monday-Friday, 09:00-17:00                                        |

*Read the current Safety Data Sheet before use. This IFU summarises normal application and key safety information and does not replace the Safety Data Sheet or workplace risk assessment.*