

1. Product Description

Product description	: SOMAFIX MARINE ADHESIVE is one-component polyurethane pre-polymer based moisture curing wood adhesive. It can be used on slightly humid surfaces
Product form	: Mixture
Trade name	: MARINE ADHESIVE
Use of the substance/mixture	: adhesives
Type of product	: adhesives

2. Characteristics

Characteristics	: Very high bond strength after a few seconds High bond strength Easy application Water and moisture resistant Quickly becomes tack-free Water resistance D4 class according to EN 204 standard
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3. Application

- Bonding and fixing wooden elements to several porous or non-porous substrates such as formica, MDF polystyrene foams, all kinds of woods, glass wool, metals, stones, brick and various plastics
- Using in indoor applications, window and furniture productions, installation of wooden elements and repairing of vessels

4. Application Instructions

- Application temperature is between +5 °C and +35°C
- Make sure the surface to be applied is dry and clean, free of dust, dirt, rust and grease
- Slightly dampening the surface to be applied accelerates curing and slightly foaming freezes glue
- Pressing the parts to be applied is important for achieving better results
- Surfaces applied must be joined within 20 minutes and then pressed together until complete curing is achieved
- IMPORTANT: The shelf life is limited once the bottle is opened due to adhesive cures by moisture. The bottle must be kept tightly closed after use.

5. Technical Specifications (@ 23 °C 50% RH)

Physical state	: Liquid
Chemical Basis	: PU pre-polymer.
Appearance	: Liquid.
Colour	: brown
Odour	: characteristic
Density	: 1.11 – 1.17 g/cm ³ @23°C
Curing Mechanism	: Moisture
Viscosity, dynamic	: 6500 mPa.s
Flash point	: > 200 °C
Application Temperature	: 5 → 35 °C

6. Packaging

Bottle 500 g	Package 24 pcs/box
Bottle 240 g	Package 24 pcs/box

7. Shelf Life and Storage

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- Storage temperature : 5 → 35 °C

Bottle 500 g	12 months (after production date if stored at room temperature)
Bottle 240 g	12 months (after production date if stored at room temperature)

8. Health and Safety

- Adverse physicochemical, human health and environmental effects : Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful if inhaled. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.
- Symptoms/effects after inhalation : May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.
- Other medical advice or treatment : Treat symptomatically.
- Hand protection : Protective gloves
- Eye protection : Safety glasses
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

9. Remarks

- Remarks : For further information, please refer to the Safety Data Sheet

10. Standards and Certificates

- Standards and Certificates : D4 (EN 204)

Technical Data Sheet

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