

1. Product Description

Product description	: SOMAFIX PU SEALANT MULTI PURPOSE is one-part polyurethane gun grade dual purpose adhesive and sealing compound with permanent elasticity. Once extruded, it cures by reaction to the atmospheric moisture to form a high performance and fast curing adhesive sealant.
Product form	: Mixture
Trade name	: SOMAFIX POLYURETHANE SEALANT MULTI PURPOSE
Use of the substance/mixture	: Adhesives, sealants
Recommended use	: Industrial use Consumer use Professional uses
Type of product	: Adhesives, sealants

2. Characteristics

Characteristics	: Fast Cure Over-paintable Can be easily smoothed and levelled out Non-corrosive Extremely versatile product with a good adhesion on many surfaces Good weathering and water resistance
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3. Application

- SOMAFIX PU Sealant Multi-Purpose is a powerful and versatile adhesive sealant for all jobs involving sealing & bonding (for a wide variety of materials including all cement based materials, brick, ceramics, glass, metals, wood, enamelled substrates, polyester, acrylic resin, plastics): wood, metal or plastic window and door frames, roofing, gaskets and coverings, flexible draught proofing, fixing of lightweight construction materials, containers, tanks and silos

4. Application Instructions

- Application temperature is between +5 °C to +40 °C.
- Make sure the surface to be applied is dry and clean, free of dust and grease
- Stick both sides of surface with tapes
- Cut the cartridge tip and place it in the gun
- Cut the cannula tip and insert into the cartridge
- Apply the sealant and remove tapes
- Protect against water for 24 hours after application
- Joint width and depth ratio should be about 2:1

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

Physical state	: Solid
Appearance	: Paste.
Colour	: According to technical data sheet
Odour	: characteristic
Curing System	: Polyurethane
Skin Forming Time	: 45 – 60 minutes
Curing Rate	: 2 – 2.5 mm/day
Ultimate Elongation (DIN 53504)	: > 300 %
Tensile Strength (DIN 53504)	: 1.9 N/mm ²
Hardness Shore A	: 40 – 45

Density	: 1.14 g/cm ³ ± 0,02 @23°C
Curing Mechanism	: Moisture
Viscosity, kinematic	: Not applicable
Flash point	: Not applicable
Thermal Resistance	: -40 – 90 °C
Movement Capability	: 15 %
Application Temperature	: 5 → 40 °C

6. Packaging

Colour : white. Black. brown. Grey.

Cartridge 280 ml	Package 12 – 25 pcs/ctn
Cartridge 310 ml	Package 12 – 25 pcs/ctn
Sausage 600 ml	Package 20 pcs/ctn

7. Shelf Life and Storage

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Protect from moisture. Store in a dry place. Store in a closed container. Keep cool.

Storage temperature : 5 → 35 °C

Cartridge 280 ml	12 months (After production date if stored at room temperature.)
Cartridge 310 ml	12 months (After production date if stored at room temperature.)
Sausage 600 ml	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. 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.



SOMAFIX POLYURETHANE SEALANT MULTI PURPOSE

Technical Data Sheet

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Version: 2.1

TDS No.: TDS.09.39

9. Remarks

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

10. Standards and Certificates

Standards and Certificates : EN 15651-1

Technical Data Sheet

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