

1. Product Description

Product description	: SOMAFIX COMBI POLYURETHANE FOAM 2in1 GUN & STANDARD VALVE PU FOAM is a single component PU foam used both with gun and the straw adapter. The valve system allows working with gun and straw whenever needed.
Product form	: Mixture
Trade name	: SOMAFIX COMBI POLYURETHANE FOAM 2 IN 1 GUN & STANDARD VALVE
Use of the substance/mixture	: Aerosol Polyurethane Foam
Recommended use	: Industrial use Professional uses Consumer use
Type of product	: Aerosol
Vaporizer	: Aerosol

2. Characteristics

Characteristics	: Yields higher volume gun and standard straw applications Easier and reusability gun and standard straw applications Resistant to every kind of weather conditions, seawater, steam and moisture
-----------------	---

3. Application

- Fixing doors, windows and similar frames
- Using in insulation of hot and cold water pipes and electrical equipments
- Filling up the gaps, holes and cracks
- Bonding to all kinds of building materials except silicone, teflon, polyethylene and polypropylene

4. Application Instructions

- Application temperature is between 0 °C to +35 °C
- Shake the can strongly for 30 seconds
- Install the foam gun or straw on the can
- Remove the dirt, dust and grease from the application place
- Turn the can upside down and press the trigger
- Moisturising accelerates reaction and ensures a productive result
- Fresh foam residue can be cleaned by using PU FOAM CLEANER
- Cured Foam can be cleaned mechanically
- Can be shaved, sandpapered and painted after it get hardens in 1 or 3 hours

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

Physical state	: Liquid
Chemical Basis	: Polyurethane Prepolymer.
Appearance	: Aerosol.
Colour	: light yellow
Odour	: characteristic
Curing System	: Moisture
Skin Forming Time (FEICA TM1014)	: 8 – 10 minutes
Cutting Time (FEICA TM1005)	: 35 - 45 minutes (For Gun); 45 - 60 minutes (For Straw)
Density	: 17 - 20 kg/m ³ (For Gun); 20 - 25 kg/m ³ (For Straw)@23°C

Flash point	: Not applicable, as aerosol.($\leq 50^{\circ}\text{C}$)
Thermal Resistance	: $-40 - 100^{\circ}\text{C}$
Yield (FEICA TM1003)	: 50 - 55 l (For Gun) / 45 - 50 l (For Straw)
Thermal Conductivity	: 0.0379 W/m.K
Application Temperature	: $0 \rightarrow 35^{\circ}\text{C}$
Ideal Can Temperature	: 20°C

Soma Kimya uses test methods approved by FEICA designed to deliver transparent and reproducible test results, ensuring customers have an accurate representation of product performance. FEICA OCF test methods are available at: <http://www.feica.com/our-industry/pu-foam-technology-ocf>. FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu

6. Packaging

Packaging	: Aerosol Original packaging
-----------	---------------------------------

Canister 750 ml	Package 12 pcs/ctn
-----------------	--------------------

7. Shelf Life and Storage

Storage conditions	: Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F . Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Storage area	: Store away from heat. Store in a well-ventilated place.
Storage temperature	: $0 \rightarrow 30^{\circ}\text{C}$

Canister 750 ml	18 months (after production date, if stored at room temperature)
-----------------	--

8. Health and Safety

Adverse physicochemical, human health and environmental effects	: Pressurised container: May burst if heated. Extremely flammable aerosol. 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
---------	--



SOMAFIX COMBI POLYURETHANE FOAM 2 IN 1 GUN & STANDARD VALVE

Technical Data Sheet

Issue date: 21/03/2017

Revision date: 01/04/2024

Version: 2.2

TDS No.: TDS.09.14

10. Standards and Certificates

No information available

Technical Data Sheet

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable