SOMAFIX LOW EXPANSION PU GUN FOAM
Technical Data Sheet

1. Product Description

Product description	: SOMAFIX LOW EXPANSION POLYURETHANE GUN FOAM is assembly foam which has low expansion properties to prevent foam pressure to push or pull door and window frames inward or outward.
Product form	: Mixture
Trade name	: LOW EXPANSION PU GUN FOAM
Use of the substance/mixture	: Aerosol Polyurethane Foam
Recommended use	: Industrial use Consumer use Professional uses
Type of product	: Aerosol
Vaporizer	: Aerosol

2. Characteristics

Characteristics	: 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
- Twist and install specialized dosage trigger on the can
- Remove the dirt, dust and grease from the application place
- Turn the can upside down and press the trigger
- Moisturising the ground and released foam is strongly advised
- Moisturising accelerates reaction and ensures a productive result
- For later applications, dried foam residue should be removed from the pipe and valve
- Fresh foam residue can be cleaned by using PU FOAM CLEANER
- Cured Foam can be cleaned mechanically
- Since foam tenders to expand, proper quantities should be used
- 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
Appearance	: Aerosol.
Colour	: light yellow
Odour	: characteristic
Curing System	: Moisture
Skin Forming Time (FEICA TM1014)	: 8 – 10 minutes
Cutting Time (FEICA TM1005)	: 15 – 20 minutes
Ultimate Elongation (DIN 53504)	: 19 %
Tensile Strength (DIN 53504)	: 3 N/cm²

SOMA KİMYA SANAYİ VE TİCARET A.Ş.
Hadımköy Mah. Alparslan Sok. No.10 Arnavutköy, İstanbul – Türkiye **T** +90 212 771 1552 **E** info@somakimya.com **W** www.somakimya.com / www.somafix.com.tr

1/3

Density	: 17 – 20 g/cm³ @23°C
Flash point	: Not applicable, as aerosol.(≤50°C)
Thermal Resistance	: -40 – 100 °C
Yield (FEICA TM1003)	: 45 – 55
Closed Cell Content	: 70 – 80 %
Application Temperature	: 0 → 35 °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

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 temperature	: 0 → 30 °C

Canister 750 ml	15 months (after production date, if stored at room remperature)

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

10. Standards and Certificates

No information available

SOMA KİMYA SANAYİ VE TİCARET A.Ş.
Hadımköy Mah. Alparslan Sok. No.10 Arnavutköy, İstanbul – Türkiye   **T** +90 212 771 1552   **E** info@somakimya.com   **W** www.somakimya.com / www.somafix.com.tr

2/3

Technical Data Sheet

SOMA KİMYA SANAYİ VE TİCARET A.Ş.

Hadımköy Mah. Alparslan Sok. No.10 Arnavutköy, İstanbul – Türkiye **T** +90 212 771 1552 **E** info@somakimya.com **W** www.somakimya.com / www.somafix.com.tr

3/3