



# Soudafoam One Shot



Technical  
Data Sheet

Revision: 05/3/24

Filling of Cavities

Wall & Floor  
Penetrations

Electrical Outlets

Pipes & Vents



**High Expanding  
Foam**



**Excellent Filling  
Characteristics**

**Easy Application**



## Product:

SoudaFoam One Shot Triple Expanding Foam is a one-component triple-expanding ready-to-use polyurethane foam fitted with the new Compact adapter that allows you to work quickly and effectively, with a pressure-sensitive trigger system for controlling the amount of foam that is dispensed. The high-performance PU foam is suitable for indoor and outdoor use. SoudaFoam One Shot is the ideal solution for all DIY filling and insulating jobs around the home. The small format can helps minimize unnecessary waste, providing the perfect amount for the job at hand.

## Properties:

- Excellent stability (no shrinkage or post-expansion)
- High filling capacity
- Compact system for fast and easy in use.
- Good adhesion on all surfaces (except PE, PP and PTFE).
- High insulation value, thermal and acoustic
- Very good bonding properties.
- Not UV-resistant
- Freon free (not harmless to ozone layer and greenhouse effect)

## Applications:

- Filling of cavities.
- Sealing of all openings in roof constructions.
- Apply of an acoustic baffle
- Improving thermal isolation in cooling systems.
- Insulating around pipes and electrical wiring.

## Packaging:

Colour: champagne

Packaging: 150 ml aerosol (net)

## Shelf life:

- 18 months unopened and stored in dry and cool conditions (Between 41°F and 77°C), Upright storage is recommended.

## Application Instructions:

Shake the aerosol can for at least 20 seconds. Remove the clip on the adapter before use. Moisten surfaces with a water sprayer prior to application. For non-conventional substrates a preliminary adhesion test is recommended. Hold the can upside down and fill holes and cavities for 1/3, as the foam will expand. Once opened, empty the can within 20 min. Repeat shaking regularly during application. If you have to work in layers repeat moistening after each layer. Fresh foam can be removed using Soudal Gun & Foamcleaner or acetone. Prior to using the Gun & Foamcleaner, test whether surfaces are affected or not. Especially plastics and lacquer or paint layers can be sensitive to this. Cured foam can be removed mechanically

Can temperature: +41°F - 86°F

Ambient temperature: +41°F - 86°F.

Surface temperature: +41°F - 95°F

## Health- and Safety Recommendation:

Extremely flammable aerosol. May burst if heated. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away

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## Technical Data Sheet

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### Technical Data:

Basis	Polyurethane
Consistency	Stable foam, thixotropic
Curing system	Moisture curing
Skin Formation (68°F/65% RH)	8.5 min
Cutting Time (68°F/65% RH)	65 min
Free foamed density	Ca. 40 kg/m <sup>3</sup>
Sound insulation	58 dB
Thermal conductivity	35.4 mW/m.K
Yield	1.1 gallons
Yield (ASTM C1536)	434 linear feet for a 1/4" bead
Shrinkage after curing	< 5 %
Expansion after curing	None
Expansion during curing	Ca. 135 %
Percentage closed cells (ISO4590)	Ca. 70 %
Compressive strength	Ca. 37 kPa
Shear strength	Ca. 43 kPa
Tensile Strength	Ca. 78 kPa
Elongation at Fmax	Ca. 22,7 %
Water absorption	Ca. 0.20 kg/m <sup>2</sup>
Thermal Resistance per inch (R Value)	4.1 at 1" and 8.1 at 2"
Service Temperature**	-40°F – 194°F
Application Temperature	41°F – 95°F

\*\* This information relates to fully cured product.

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from heat, hot surfaces, sparks, open flames, or ignition surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. IF ON SKIN: Wash with plenty of water. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local, regional, national, or international regulation.

### Remarks:

- Moisten surfaces with a water sprayer prior to application. If you have to work in layers repeat moistening after each layer. For not common surfaces we recommend an adhesion test.

### Limited Warranty:

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