



# AFCAT INSULATION SPRAY FOAM

## Technical Data Sheet

Issue date: 30/11/2020

Revision date: 01/04/2024

Version: 1.4

TDS No.: TDS.09.73

### 1. Product Description

Product description	: AFCAT INSULATION SPRAY FOAM is a one component polyurethane foam which has effective thermal and sound insulation properties.
Product form	: Mixture
Trade name	: AFCAT INSULATION SPRAY FOAM
Use of the substance/mixture	: Polyurethane Foam Aerosol
Recommended use	: Industrial use Professional uses Consumer use
Type of product	: Aerosol
Vaporizer	: Aerosol

### 2. Characteristics

Characteristics	: Carries excellent adhesion power to all kinds of materials. Applied easily and efficiently with its special applicator nozzle. When applied in 2 cm thickness, provides insulation up to 2 m <sup>2</sup> with 1 can.
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### 3. Application

- Used for insulation of walls, doors, pipes, roofs, attics, ceilings, floors, tanks etc.

### 4. Application Instructions

- Shake the can strongly for 30 seconds
- Install the foam gun on the can
- Place the special applicator nozzle provided with each can to the tip of the gun.
- Adjust the nozzle to get desired application positions.
- Make sure the surface to be applied is dry and clean, free of dust and grease
- For best results, the surface should be moisturized before the application.
- Apply by spraying from a 30-40 cm distance.
- If desired, extra layers can be applied 30 minutes after the first layer.
- After the application, any foam residue on the gun, valve and the surface should be cleaned with POLYURETHANE FOAM & GUN CLEANER.
- Application Temperature: +5°C to +30°C. Ideal can temperature: 20°C.

### 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)	: 5 – 10 minutes @23°C
Cutting Time (FEICA TM1005)	: > 60 minutes @23°C
Density	: 17 – 20 kg/m <sup>3</sup>
Thermal Resistance	: -40 – 100 °C
Yield (FEICA TM1003)	: 2 cm width 2 m <sup>2</sup> / 1,5 cm width 3 m <sup>2</sup>
Thermal Conductivity	: 0.038 W/m.K
Application Temperature	: 0 → 35 °C
Ideal Can Temperature	: 20 °C



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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](http://www.feica.eu)

### 6. Packaging

Packaging : Aerosol

Canister 680 g	Package 12 pcs/ctn
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### 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 → 30 °C

Canister 680 g	12 months (after production date if stored at room temperature.)
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### 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

Technical Data Sheet

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