

Technical Data Sheet

BS-2820 PU Foam



Features

- ◆ Ozone-Friendly Propellant (CFC-Free)
- ◆ Good Expansion Yield
- ◆ Non-Sagging
- ◆ Good Thermal and Acoustic Insulation
- ◆ Mildew, Water, and Aging Resistant

Available Colors

- ◆ Light yellow

Packaging

- ◆ 750 ml (bottle)~12/carton

Storage

- ◆ Store in a dry and cool place with temperature below 30 °C.
- ◆ Use within 9 months from date of production.

Product Specification

Curing System	: Moisture Curing
Appearance	: Foam
Tack-Free Time (at 25°C & 50% R.H.)	: 10 Minutes
Volume Coverage	: Max. 38 L
Cut Time (20 mm Diameter)	: About 45 minutes
Water Permeability	: No
Temperature Resistance Range	: -40 °C – 110 °C (Intermittent)
	: -30 °C – 80 °C (Long term)
Formaldehyde/ Dimethylbenzene	: No
Thermal conductivity	: 0.046 W/m.K
Application Temperature	: 5°C to 35°C
Lowest Can Temperature	: 10 °C

Description

A one-component, moisture cure, Polyurethane Foam for general purpose applications in mounting, filling, sealing insulating and soundproofing in concrete, plaster, brick, floorboard, most plastics, metal, glass or wood. It offers good expansion yield, no sagging, and using Ozone Friendly Propellant (CFC Free). It is mouldproof, water and ageing resistant, and provides good thermal and acoustic insulation.

Applications

- ◆ Ideal for filling irregular holes or awkward gaps, heat insulation of central heating systems, and insulating wall panels.
- ◆ Suitable for use on various construction materials (concrete, brick, most plastics, metal, glass, woods, etc.).

Directions

1. Surfaces must be clean and free of dirt, grease, or oil.
2. Surfaces to be made slightly dampened with water spray.
3. Shake aerosol well before use.
4. Attach nozzle and spray foam on areas to be insulated.
5. Cover areas not to be insulated with paper or plastic foil.
6. Uncured foam can be removed with acetone.
7. Gaps wider than 5 cm has to be filled with multiple layers. Allow 15 - 30 minutes between layers.



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Limitation

- ◆ Not recommended for locations subject to continuous water immersion.
- ◆ Not for filling secluded areas or joints wider than 4 cm. Wider joints and joints deeper than 5 cm are to be filled multiple layers. Waiting time between applications is 15-30 minutes.
- ◆ The foam surface has to be protected from UV light.

Caution

Contains isocyanates. May produce an allergic reaction. Extremely flammable aerosol. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to respiratory through prolonged or repeated exposure by inhalation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe spray. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear respiratory protection. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Keep out of reach of children. Use in well ventilated areas. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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