Ideal Chemical Products Ltd

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Ideal Fix A Foam Hand Held Foam

DESCRIPTION

An easy to use, Polyurethane based Expanding Foam for general Construction and Home Improvement applications.

USES

FILLING large, irregular or awkward gaps where the foam will expand to completely fill the cavity. FIXING window frames loose tiles and boards. INSULATING between brickwork and cladding, around ductwork and through cavities carrying pipes and cables. BACKING in low expanding joints, can be used as a backing material in all types of sealant applications.

COLOUR: Green

PACKAGING: Hand Held 750ml canister packed 1 x 12

PREPARATION

Ensure surfaces to be treated are free from grease, dust and loose material. **IMPORTANT** – moisten surfaces well before use as this improves adhesion and finished cell structure of the foam.

APPLICATION

METHOD - Shake the can intensively at least 20 times prior to use. Remove cap and screw the adapter firmly onto the valve. To apply foam TURN THE CAN UPSIDE DOWN and press the adapter. Only use in temperatures of + 5°C to + 30°C. FILLING – Half fill the cavity and lightly spray the foam with water. The foam will expand to fill the rest. FIXING - When fixing window frames use wedges to hold the frame in place until the foam is fully cured - approximately 24 hours.

FINISHING

Can be cut, sawn, plastered or painted when cured. It is the user's responsibility to dispose of all packaging correctly.

To remove cured foam cut as much residue away as possible with a knife and apply PU Foam Digester. Leave for at least 30 minutes and remove with a plastic or wooden spatula.

IDEAL FIX A FOAM TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Care should be taken to protect surrounding surfaces. When exposed to sunlight apply sealant or render within 7 days as the foam is not resistant to ultra violet light. Not suitable for use on silicone, Teflon, polyethylene and greasy or oily surfaces. It is the users responsibility to determine suitability.

LIABILITY

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Ideal Chemical Products Limited cannot know all the uses its products may be put to, it is the users responsibility to determine suitability of use.

HEALTH & SAFETY

CAUTION **EXTREMELY FLAMMABLE – HARMFUL**

CONTAINS DIPHENYLMETHANEDIISOCYANATE, ISOMERES AND HOMOLOGUES

Extremely flammable. Harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact. Do not breathe aerosol. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. This material and its container must be disposed of in a safe way. Wear suitable protective clothing, gloves and eye/ face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Use only in well- ventilated areas. Contains isocyanates. See information supplied by the manufacturer. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from all sources of ignition – No Smoking. Build up of explosive mixtures possible without sufficient ventilation. Keep out of the reach of children.

PRECAUTIONS

Use in a well ventilated area away from all sources of ignition, including pilot lights. Protect skin during use. Always wear gloves and safety glasses. Wear suitable workwear. Cover carpets and household furnishings before use. Keep out of reach of children. Follow instructions carefully.

STORAGE

Always store **UPRIGHT** in cool, dry conditions. Do not expose to temperatures above 50ºC.

IDEAL FIX A FOAM TECHNICAL DATA SHEET CONTINUED

TECHNICAL DATA	IDEAL FIX A FOAM FOAM
Basis	Moisture curing one component polyurethane Foam
Density after curing 1) 2)	18-25
Tack-free time (FT) 1)	8-12
Cutting time (CT) 1) 2)	30-60
Dimensional stability (DS)	-5%<DS<0%
Thermal conductivity	30-35mW/(m.K)
Application temperature range	+5°C / +35°C (ideal +15°C / +20°C)
Canister temperature range	Above +5°C (ideal +10°C / +20°C)
Temperature resistance after curing	-40°C / +90°C (for short periods up to +140°C)
Shelf life 3)	12 months, when stored in upright position in a dry and cool place
Fire classification	DIN 4102-B3, class F according to EN 13501-1

1) The physical properties mentioned are obtained from laboratory measurements under ideal conditions and may vary upon use, temperature and ambient conditions.

2) Foamed in a pre-moistened joint.

3) Excessive heat can cause premature ageing of components resulting in a shorter life.