Proflex 785 Hot Melt Adhesive

DESCRIPTION:

Proflex 785 is a high performance hot melt adhesive, specifically designed the bonding of difficult surfaces such as ceramic tile display boards. Can also be used for product assembly, and packaging operations. This product is light amber in appearance, flexible, with good flow characteristics and aggressive tack. Proflex 785 is acceptable under Section 175.105 of the USA FDA regulations for use as a food packaging adhesive. Conforms to ASTM D-4236 as non-toxic.

TYPICAL USES:

Packaging applications and difficult surfaces, within the food packaging, printing, furniture, and product assembly markets. Proflex 785 has been found suitable for bonding materials such as paper & board, timber, ceramic tiles to display boards, hardboard, foams, polystyrene, ABS, Perspex, aluminum, and other porous and non-porous materials

TECHNICAL SPECIFICATIONS:

Basis	EVA copolymer
Colour	translucent / amber
Viscosity @200°C in poise	40 poise Brookfield RVT Thermosel
Softening Point in °C	90°c (Ring & Ball)
Heat Resistance	-40 to +70°C
Working Temperature in °C	150 – 210
Open Time	up to 40 seconds
Max Storage Temperature	30°c

Our products are sold on the understanding that they have been fully evaluated to satisfy the needs of the user under their working conditions, and that the product has been tested on the substrates to be used. No responsibility can be accepted by GluesDirect.co.uk Limited who have no control over the application methods used.

Material Safety Data Sheet – EVA BASED HOT MELT ADHESIVES

This safety data sheet has been prepared in accordance with the requirements of E C Directive 88/379/EEC and 91/155/EEC and provides information relating to the safe handling and use of this product.

1) IDENTIFICATION & COMPANY:

Fossewaytapes & Fixings Ltd
Unit 8 Ladywood Works Leicester Road
Lutterworth
Leicestershire
01455 550515

2) CHEMICAL CONSTITUENTS

Main constituents:	Ethylene Vinyl Acetate Copolymer Wax Resin

3) HAZARD IDENTIFICATION

This adhesive consists mainly of high polymers, waxes and resins. Provided it is handled with care and good standards of hygiene are practiced, it should not propose any undue hazard.

The following health hazards have however been identified:

3.1 Inhalation:	Fumes should not be inhaled. Use in well ventilated area.
3.2 Ingestion:	Void ingestion. If ingestion occurs seek medical advice.
3.3 Skin Contact:	There is no hazard in the solid state. Molten adhesive must not be allowed to come into contact with the skin. The use of protective gloves is recommended.
3.4 Eye Contact:	There is no hazard in the solid state. Molten adhesive can cause serious eye damage. The use of protective goggles is recommended.

4) FIST AID MEASURES:

When medical assistance is sort, explain the nature of the product involved. Always ensure that these notes are available to medical personnel.

4.1 Ingestion:	In the unlikely event of this occurring seek medical attention.
4.2 Eye Contact:	Cool with cold wet pad. Do not attempt to peel solidified or molten adhesive from the eye. Call ambulance and / or take affected person to the nearest hospital, with accident and emergency facilities, as soon as possible.
4.3 Skin Contact:	Place affected area in cold water until the adhesive solidifies. Do not attempt to peel from the skin. Depending on the degree of burn either take the affected person to hospital or attempt to soften adhesive with a hand cleanser. If this does not allow the adhesive to be removed without breaking the skin, leave the adhesive on the skin and repeat every 24 hours.

5) FIRE FIGHTING MEASURES:

This adhesive can burn if subjected to temperatures over 220°C. No restrictions on fire fighting media. No special instructions.

6) Accidental Release Measures:

Spillages present little hazard, other than the risk of slippage.

Pick, or brush up spillage and place in waste bin. Never use dirt-contaminated product.

7) HANDLING & STORAGE:

This adhesive should be stored in sealed containers, preferably below 35°C.

Do not allow product to become wet or damp, as moisture can cause foaming or spitting when adhesive is heated to operating temperature.

Use stock in rotation.

8) PERSONAL PROTECTION / EXPOSURE CONTROLS:

Follow protection advice given in section 3 above. No exposure control necessary.

9) Physical and Chemical Properties:

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10) STABILITY AND REACTIVITY:

This adhesive is stable and does not react with materials into which it would normally come into contact with during storage.

11) TOXICOLOGICAL INFORMATION:

Assuming proper use no harmful effects have ensued.

12) ECOLOGICAL INFORMATION:

In the solid state this adhesives poses no ecological hazard.

13) DISPOSAL INFORMATION:

Use an approved trade effluent contractor.

14) TRANSPORT INFORMATION:

Transport under conditions that prevent the adhesive from being exposed to temperatures over 35°C.

In case of accidental spillage follow instructions in section 6 above.

15) REGULATORY INFORMATION:

Labeling not required
Order relating to flammable liquid: Not applicable.

16) OTHER INFORMATION:

None.

Rev: 21/10/10