
MATERIAL SAFETY DATA SHEET

Proflex 970 Hot Melt Glue SticksRevision Date: 00/03/2004

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING**1.1. PRODUCTS IDENTIFICATION: Proflex 970 Hot Melt Glue Stick****1.2. USE OF SUBSTANCE:** Suitable for bonding materials such as paper and board, timber, hardboard, foams, ABS, Perspex, aluminium, and other porous and non-porous materials**1.3. COMPANY:** AdCo (UK) Ltd
The Factory
Dippenhall
Farnham
Surrey
GU10 5DW
Telephone Number: 01428 661717**1.4. EMERGENCY TELEPHONE:** 01428 661717**2. HAZARDS IDENTIFICATION**

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

The following health hazards have however been identified:

Inhalation:

Fumes should not be inhaled. Use in well ventilated area.

Ingestion:

Avoid ingestion. If ingestion occurs seek medical advice.

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.

Eye Contact:

There is no hazard in the solid state. Molten adhesive can cause serious eye damage. The use of protective goggles is recommended.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Main constituents:**

Ethylene Vinyl Acetate Copolymer
Wax
Resin

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4. FIRST-AID MEASURES

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

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.

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.

Ingestion:

In the unlikely event of this occurring seek medical attention.

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 AND 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. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------------|--|
| Base: | EVA copolymer |
| Colour: | Clear |
| Viscosity @ 200°C in poise: | 75 poise Brookfield RVT Thermosel |
| Softening Point in °C | 95°C (Ring and Ball) |
| Heat Resistance: | -40 to +70°C |
| Working Temperature in °C: | 150 - 210 |
| Open Time: | up to 60 seconds (depending on amount applied and application temperature) |
| Max Storage Temperature: | 30°C |

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 or use.

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 CONSIDERATIONS

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

Labelling not required

Order relating to flammable liquid: Not applicable.

16. OTHER INFORMATION

None.

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