

SAFETY DATA SHEET ACCORDING TO DIR 2001/58/EEC

PRODUCT FAMILY: Viscoform® Adhesive No. 3965

REVISION DATE: 22.07.2005

1 IDENTIFICATION OF THE PRODUCT AND COMPANY

1.1 IDENTIFICATION OF THE PRODUCT (new / (old) code, description)

0100-0170 (BRV4A) VISCOFORM ADHESIVE

1.2 UTILISATION OF THE PRODUCT

- Adhesion of Viscoform® wax plastic patterns to refractory models for the investment casting of removable dental prosthetics.
- 3965 is an extremely versatile adhesive and can be used with most plastic films, aluminium foils, unplasticised PVC and paper
- The combination of high viscosity and solids content enable the adhesive to be direct coated onto open and closed cell foam with little penetration

1.3 IDENTIFICATION OF THE COMPANY

MANUFACTURER: ATTENBOROUGH BRUSH LTD,
VISCOSA HOUSE,
GEORGE STREET,
NOTTINGHAM. NG1 3BN.
UK.

EMERGENCY TELEPHONE NUMBER: + 44 (0) 115 947 3562

2 COMPOSITION

- 3965 is a water based permanent pressure sensitive adhesive coating with excellent specific adhesion to different surfaces. Modified synthetic emulsion. Viscous, aqueous liquid consisting of synthetic polymer emulsions (eg: polyvinyl acetate, polyacrylates etc) and/or natural rubber latex and 2% w/w of flammable solvents such as toluene, ethyl acetate or white spirit and may contain inorganic fillers.

- Solids content 60 +/- 2%,
- Viscosity 12,000 – 18,000cps.
- RVT, spindle 4, speed 10 at 20°C.
- Specific gravity 0.95 – 1.05
- pH 7.5 – 9.0
- Thinners Water

3 HAZARDS IDENTIFICATION

- PRODUCT NOT CLASSIFIED DANGEROUS.
- NO SPECIFIC HAZARDS ARE ENCOUNTERED UNDER NORMAL PRODUCT USE.

4 FIRST AID MEASURES

4.1 CONTACT WITH SKIN

Avoid repeated and prolonged skin contact. Wear impervious gloves (eg: PVC)

4.2 CONTACT WITH EYES

Wear goggles (to meet BS 2092) for overhead work or if there is a risk of splashing.

4.3 SWALLOWING

Always seek medical assistance if the product is swallowed. Never swallow.

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Dentalcare Group

• ATTENBOROUGH DENTAL LABORATORIES LTD
• ATTENBOROUGH BRUSH LTD
• ATTENBOROUGH DIRECT LTD

Dental Laboratory Services
Dental Product Manufacturers
Dental Equipment and Supplies

VISCOSA HOUSE • GEORGE STREET • NOTTINGHAM • NG1 3BN • UK
TEL: + 44 - 115 - 947 3562 • FAX: + 44 - 115 - 950 9086 • E-MAIL: info@attenborough.com



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4.4 INHALATION

Always seek medical assistance if the product is inhaled. Avoid breathing vapours and only use in a well ventilated area.

5 FIRE FIGHTING MEASURES

5.1 RECOMMENDED EXTINGUISHERS

Water, CO₂, foam, dry chemical, sand and earth.

5.2 EXTINGUISHERS NOT TO BE USED

None in particular

5.3 RISKS ARISING FROM COMBUSTION

No significant hazard. Indistinct flash point above 21°C but does not support combustion when tested at 55°C (reference 1)

5.4 PROTECTIVE EQUIPMENT

Use protection for the respiratory tract

6 ACCIDENTAL RELEASE MEASURES

6.1 MEASURES FOR PERSONAL SAFETY

None in particular

6.2 ENVIRONMENTAL MEASURES

None in particular

6.3 CLEANING METHODS

None in particular

7 HANDLING AND STORAGE

7.1 HANDLING PRECAUTIONS

Always use in a well ventilated area. 3965 is normally applied by scalpel, either direct or transfer coated. If can be silkscreen printed and sprayed with air equipment. Also pallet knife / brush applicators.

7.2 INCOMPATIBLE MATERIALS

None known.

7.3 STORAGE CONDITIONS

Store away from heat and sources of ignition. Keep dry, out of direct sunlight. Keep in a closed container between 5°C and 30°C. Protect from freezing (store above 5°C). Rotate stock, use oldest material first. Keep containers covered when not in use to prevent drying out. Stir well before use.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 PRECAUTIONARY MEASURES

Use PPE as prescribed. Water based adhesive. BASA booklet category 2 outlines complete precautions

8.2 RESPIRATORY MEASURES

Always use in a well-ventilated area

8.3 PROTECTION FOR THE HANDS

Wear impervious gloves (eg: PVC)

8.4 EYE PROTECTION

Wear goggles (to meet BS 2092) for overhead work or if there is a risk of splashing.

8.5 PROTECTION FOR THE SKIN

Avoid repeated and prolonged skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE AND COLOUR

White emulsion drying to clear film

9.2 ODOUR

Product is odourless.



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10 STABILITY AND REACTIVITY

10.1 CONDITIONS TO AVOID

Do not subject to temperatures below 5°C and above 30°C. Flashpoint above 21°C (pensky-Martens closed cup). See schedule 2 of the Highly Flammable liquids and liquefied Petroleum Gasses Regulations 1972 SI 1972/917

10.2 SUBSTANCES TO AVOID

None is particular

10.3 HAZARDOUS DECOMPOSITION PRODUCTS

The product of combustion is CO

11 TOXICOLOGICAL INFORMATION

11.1 SWALLOWING

Seek immediate medical assistance if swallowed.

11.2 INHALATION

Seek immediate medical assistance if inhaled.



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12 ECOLOGICAL INFORMATION

Use according to good working practice. Products are miscible with water.



13 DISPOSAL CONSIDERATIONS

Comply with the local and national regulations currently in force.



14 TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations



15 REGULATORY INFORMATION

- The product should not be considered dangerous according to DIR 88/379/EEC.
- With consideration to Directive 91/155/EEC, this product is not a dangerous substance / preparation within the meaning of Directive 67/548/EEC 27th June 1967.
- The product is not classified as a Medical Device according to DIR 93/42/EEC.



16 OTHER INFORMATION

Every effort has been made to ensure that the information is correct and gives adequate safety within current knowledge. Whilst responsibility for errors and omissions are not accepted, the Company will endeavour to supply information of any of its products on request.



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