



BY APPOINTMENT
TO HER MAJESTY THE QUEEN
MANUFACTURERS OF LEATHER
J. HEWIT & SONS LTD, EDINBURGH

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HEALTH AND SAFETY AND TECHNICAL INFORMATION

C1 FLEXIBLE GLUE

Specially formulated natural Adhesive of low odour. Its high solids and being fully flexible give it a wide application for bookbinding - both spinework and case making operations.

Whilst like our slower setting/longer open time grade CB4, this grade is ideal for conservation work. It will also be found suitable for some automatic case making machines, giving excellent non-warp characteristics.

It is eminently suitable for use on Balena, Swift and Nubal machines for hand made case making operations.

DIRECTIONS FOR USE

Packed in 12.5kg corrugated cases with polythene liners, this adhesive should be turned out of the box and cut into 1-2 kilo slabs, before being places in the adhesive trough.

The adhesive should be heated to a temperature of 50-60°C (120 – 140°F) when it will liquefy and be ready for use. In no circumstances must the heat of the adhesive exceed 60°C (140°F) otherwise one risks the adhesive becoming degraded.

Being a versatile adhesive, it will probably require dilution for some operations. If evaporation occurs, small quantities of warm water may be added.

In common with all natural adhesives, it is recommended to clean the adhesive troughs regularly to maintain the good quality and preserve the odour and colour of the adhesive.

NB. Increasing the operating temperature to 60°C and/or the addition of warm water can lengthen open time of this adhesive.

The adhesive is completely non-foaming and entirely innocuous.

HEALTH & SAFETY INFORMATION.

- PRODUCT:** These adhesives are aqueous colloidal solutions of a proteinaceous nature. They do contain gel depressants, defoamers, preservatives at a low level of concentration, which should not normally be harmful.
- STORAGE AND HANDLING:** Store unopened containers in a cool place. No protection from frost is necessary. They will remain in a usable state for at least six months. The adhesives are non-toxic, non-corrosive and non-irritant, so no further special storage facility is necessary. When handling, it is recommended that barrier creams or gloves are used, and where splashing may occur, wear goggles. Spillages may be mopped up with hot water and disposed of in accordance with Local Authority Regulations. The adhesive is easily biodegradable.
- IGNITION AND COMBUSTION:** These adhesives are non-flammable, having no flashpoint, and therefore no special precautions are necessary. There's no restriction on extinguishing needed.
- PRESERVATIVE:** These adhesives contain <4.5% Phenol (see Guidance Note EH40 - Occupational Exposure Limits).
- HUMECTANT:** These adhesives contain <10% Di-Ethylene Glycol (see Guidance Note EH40 - Occupational Exposure Limits).

NB. It has been our experience over many years, that these preservatives and humectants, used at the above levels, present no danger - provided the general precautions (as note number 5 of this leaflet) are followed.

HEALTH HAZARD AND FIRST AID TREATMENT

- INHALATION:** No hazard.
- SKIN CONTACT:** While the product is not a primary irritant, prolonged and repeated contact can cause a reaction, especially to sensitive skin. Barrier creams and gloves in these cases are necessary.
- EYE CONTACT:** These adhesives are not a primary irritant, but contact may cause smarting. Irrigate thoroughly with warm water. If symptoms persist, seek medical advice.
- INGESTION:** These adhesives are a non-toxic product and are unlikely to be unintentionally ingested in sufficient quantity to cause discomfort. In case of large quantity ingestion, use an emetic and obtain medical advice at once.
- CLEANING:** Wash all equipment with warm water. If the adhesive has dried, it is preferable to soak the equipment in cold water for 1 to 2 hours first.

Environmentally Friendly

Paper and board bonded with this product is recyclable. These adhesives are also biodegradable in normal sewage treatment plants.

NB: The information supplied is, to the best of knowledge, true and accurate, but recommendations or suggestions made are without guarantee since the conditions of use are beyond our control.