



## CONSERVATION BY DESIGN LIMITED

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## Product Data Sheet

**Texicryl I3/002**

**TEX002**

### Product Description

An all acrylic copolymer which has been developed for a variety of coating and binding applications, Texicryl I3/002 is suitable for a variety of conservation applications including use as a coating applied to fine tissues used in the repair of books and papers and for the adhesion of materials used for display purposes to wooden substrates ( i.e. MDF ).

In the industrial sector Texicryl I3/002 is recommended for use in self - textured finishes providing good colour, stain resistance and good flexibility. Due to the excellent mechanical stability of Texicryl I3/002 finishes at high solids contents can be produced giving high - build - one - cat finishes. Paints based on Texicryl I3/002 have excellent exterior durability. Texicryl I3/002 can also be used in the production of acrylic wood primers.

### Characteristics ( Not to be taken as a specification )

Tg ( measured ) ° C	20
Viscosity, mPa.s @25° C ( Brookfield Spindle 4, 100 rpm,	1.0 - 2.5 poise
Solid Content	55%
pH	9.0 - 9.5
Particle size, nm	0.25 microns approx
Relative density @25° C	1.09
Emulsifying system	Nonionic / anionic
MFFI*, ° C	6

\* Determined by metal bar with temperature gradient.

### Use

In conservation Texicryl I3/002 has been used to coat various tissues used in the repair of papers and bindings. One may dilute further with water ( up to 10% ) if preferred but both tack & drying time will be affected.

Many users apply Texicryl I3/002 by brush to the likes of 6 mm thick plate glass, carefully laying the likes of a fine “ L ” tissue or Japanese tissue onto the surface, taking care to reduce creases or bubbles by gently dabbing with a moist ( not wet ) sponge. The coated tissue can be applied using a tacking iron ( with silicone release between the heated iron or

platen press and the item being treated ) or within a heated laminating press. When dry the coated tissue can be removed using a light scraper tool whilst ensuring that the glass is not scratched.

Texicryl 13/002 has also been used as an adhesive to adhere decorative materials to display panels such as varnished / plain MDF.

**Industrial applications include use as:**

i) a polymeric additive in cementitious admixtures, conferring workability at low water levels whilst improving flexural strength, adhesion and resistance properties.

ii) a binder for pigmented leatherboard coatings & fabric backings which have an excellent combination of wet abrasion resistance & flexibility.

**Storage**

Supplied in plastic containers:

- store off of the ground to avoid frost damage.
- always keep the container closed when not in use to ensure increased longevity.

**General Health & Safety**

This product does not need to be labelled in accordance with EC directives: no specific hazard phrases apply. However, we do recommend the reading of the Material Safety Data Sheet prior to use for guidance on handling, storage & disposal.

Proposed pack sizes:	1 & 5 litre
Order Code:	TEX002
Date of Issue:	January 2001