

## technical data sheet

PennWhite Ltd, Aston Way, Midpoint 18 Business Park, Middlewich, Cheshire, CW10 0HS

### Description

Cansoft AR1225 is a non-ionic micro-emulsion of an amino functional polydimethylsiloxane.

### Applications

Cansoft AR1225 is particularly suitable as a softener for the impregnation of fibres and textiles, it imparts a very soft, smooth and elastic handle to woven and knitted fabrics. Cansoft AR1225 improves wash-and-wear properties, crease resistance, sewability and tear strength. The effects are not degraded by washing or dry cleaning.

### Product Features

Cansoft AR1225 will give permanent effects even without the addition of a catalyst. It can be applied either by padding or by the exhaust method.

Better crease recovery and lower abrasion values can be obtained in resin finishing by using Cansoft AR1225. A wide range of handles can be obtained by combining Cansoft AR1225 with conventional softening agents and other additives such as fillers based on polyacrylates.

### Method of Use

Cansoft AR1225 should be used at between 5 – 30 g/l for the padding method. For the exhaust method 1-3%, relative to the weight of goods, is adequate and the treatment should be carried out at 40-50°C for 15-20 minutes. The pH of the liquor should not exceed pH 5. If necessary, it can be adjusted with acetic acid.

Cansoft AR1225 can be applied either alone, or together with resins and other finishing agents. If Cansoft AR1225 is used together with crosslinking agents and other additives, it should be added, in a diluted form, after all the other products.

### Product Safety

A Safety Data Sheet compliant with EU 2015/830 is available for Cansoft AR1225 on request. It contains any safe handling guidelines that may be relevant to this product.

### Storage, Shelf Life & Packaging

Cansoft AR1225 has a shelf life of 12 months when stored in original and unopened containers between 5°C and 30°C. This product is typically available in 25, 220 and 1,000 litre containers. Please note that it is sold in kilograms and the actual capacity of a container (in kg) is dependent upon the specific gravity of its contents.

### Typical Properties

- Appearance: Translucent liquid
- Solids: 16 – 20 %
- pH: 4.5 – 5.5

*Please note; these are typical properties only and should NOT be construed or used as a specification for this product.*

(OPM3/D3)

TDS: 342

Issue: 01

Created: 25/02/2021

Page 1 of 1



This product is manufactured in a facility whose Quality Management System is certified as being in conformity with ISO 9001:2015.



This product is manufactured in a facility which operates in line with the Chemical Business Association's Responsible Care program.

### Technical Support Contact Details

Telephone: +44 (0)1606 734820

Fax: +44 (0)1606 837867

Email: [info@pennwhite.co.uk](mailto:info@pennwhite.co.uk)

Website: [www.pennwhite.co.uk](http://www.pennwhite.co.uk)