

TECHNICAL DATA SHEET

HANSA LPW 797 Silicone softener for the leather industry

Description

This product is a special silicone, which is suitable for wet-end and finishing applications

Key Features

- Smooth handle effects
- Distinct hydrophilic properties
- D4, D5, D6 free
- HANSA® LPW 797 is not sensitive to frost.

Key Applications

- all kinds of leather.

Application

HANSA® LPW 797 is a concentrated emulsion of a hydrophilic polysiloxane softener which is suitable to be applied on leather and gives a smooth and soft handle, improving in the meanwhile the fullness of the fibres. HANSA® LPW 797 is appropriate as softener for all kinds of leather.

Dilutions made from HANSA® LPW 797 can be applied by means of spray process/roller coater for finishing applications or in the wet-end stage.

Diluting Instructions

HANSA® LPW 797 can be converted into a micro or macro emulsion before use.

Recipe recommendation for a **macro emulsion**

with ~35 % dry content:
544.5 kg Water
5.5 kg Acetic acid, 60 %
450.0 kg HANSA® LPW 797

Recipe recommendation for a **micro emulsion**

with ~25 % dry content:
677.0 kg Water
3.0 kg Acetic acid, 60 %
70.0 kg i-tridecanol + 8 EO
250.0 kg HANSA® LPW 797

Use and Cure Information

Multi-purpose softening agent

Health & Safety

Safety Data Sheets on request available.

Packaging

Please contact our sales department for more information.

Revision Date 29 Apr 2021
Revision No 1
Download Date 29 Nov 2021

Property

Product

Appearance

Chemistry

Ionicity

Solids Content (%)

Viscosity

pH (10% solution)

Storage

Max Storage Temperature

Shelf Life

Stability

Test Method

Brookfield

Value

Colourless to yellow liquid

Organomodified polysiloxane

Non-ionic

74-78 %

3.000 - 8.000 cP

6.0-8.0

60 °C / 140 °F

HANSA® LPW 797 will hold for at least six months if stored properly in closed containers. mths

HANSA® LPW 797 and the dilutions produced out of it are stable to hard water, acids and alkalis in the usual concentrations.

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time.

The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com