

HANSA LPW 797 Silicone softener for the leather industry

Description	Property	Test Method	Value
This product is a special silicone, which is suitable for wet-end and finishing applications	Product		
Key Features	Appearance		Colourless to yellow liquid
<ul style="list-style-type: none"> • Smooth handle effects • Distinct hydrophilic properties • D4, D5, D6 free • HANSA® LPW 797 is not sensitive to frost. 	Chemistry		Organomodified polysiloxane
Key Applications	Ionicity		Non-ionic
<ul style="list-style-type: none"> • all kinds of leather. 	Solids Content (%)		74-78 %
Application	Viscosity	Brookfield	3.000 – 8.000 cP
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.	pH (10% solution)		6.0-8.0
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.	Storage		
Diluting Instructions	Max Storage Temperature		60 °C / 140 °F
HANSA® LPW 797 can be converted into a micro or macro emulsion before use.	Shelf Life		HANSA® LPW 797 will hold for at least six months if stored properly in closed containers. mths
Recipe recommendation for a macro emulsion	Stability		HANSA® LPW 797 and the dilutions produced out of it are stable to hard water, acids and alkalis in the usual concentrations.
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.			

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