

## HANSA LPW 714 Waterborne emulsion of reactive silicones for waterproofing systems

### Description

The product is used for water-repellent effects on leather materials like footwear, sportive garment and gloves with innovative water-repellent solutions environment friendly.

All the HANSA LPW portfolio is fluorine free and therefore represent a more sustainable solution for replacing the fluorocarbons in leather formulations.

### Key Features

- Fluorocarbon-free
- Very good water-repellent effect
- Nice touch modification
- Anti-dust effect

### Key Applications

- Nubuck/Suede
- Finished leather

### Application

HANSA® LPW 714 is a Fluorocarbon-free waterborne solution of reactive silicones that can be sprayed either in pure form or diluted 1:1 in water in order to improve the water-repellency (drop test after 24 h or 36 h).

It gives a nice touch modification and an anti-dust effect to the leather.

We also recommend using 10 – 20 % of HANSA®LPW 564 related to the total formulation for improving the touch and drop resistance if needed.

The product is slightly cationic and should therefore not be used in an anionic top coat.

Depending on the diluting factor, dilutions produced out of HANSA® LPW 714 do not have a different aspect or if so, only a minimally different aspect. The prepared dilutions will hold for at least 12 months if they contain sufficient preservative quantities.

Stir thoroughly prior to use.

### Use and Cure Information

the product is a special reactive silicone waterborne emulsion, to be used alone or in combination with standard waterborne binders.

### Health & Safety

Safety Data Sheets on request available.

### Packaging

Please contact our sales department for more informantion.

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

### Property

#### Product

Appearance

Chemistry

Ionicity

Solids Content (%)

pH (10% solution)

#### Storage

Max Storage

Temperature

Shelf Life

Stability

Storability

### Test Method

### Value

**Clear to slightly turbid liquid (Microemulsion)**

**Waterborne solution of reactive silicones**

**Slightly cationic**

**15 %**

**4.0-5.0**

**40 °C / 104 °F**

**6 mths**

**HANSA® LPW 714 is not sensitive to weak acids, but is sensitive to alkali. The product is sensitive to frost and in case of temperatures below the freezing point irreversible changes will occur.**

**Due to the high reactivity the product may become turbid. This turbidity, however, has no impact on the performance of HANSA® LPW 714.**

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