

## TEROSON PV 3412 AA-25

December 2018

### PRODUCT DESCRIPTION

|                     |  |
|---------------------|--|
| <b>Technology</b>   | PVC Plastisol                              |
| <b>Product Type</b> | seam sealer<br>solvent free<br>heat curing |

TEROSON PV 3412 AA-25 is a solvent free sealant that can be cured at temperatures above 140°C for 15 minutes (Object). The material can be painted with usual filler and top coat used in automotive industry without adverse effect on the surfaces.

### APPLICATION AREAS

TEROSON PV 3412 AA-25 serves as a seam sealant between metal sheet butt and overlap joints ( interior / exterior seams) on vehicle bodies. The material is applied to electro-dip steel sheets.

### TECHNICAL DATA

#### (Typical Test Results)

|                                     |   |
|-------------------------------------|---|
| Colour                              | light grey  |
| Density                             | approx. 1.4 g/cm <sup>3</sup>                         |
| Consistency                         | pasty   |
| <u>Rheological characteristics:</u> |   |
| Equipment                           | Physica MCR 301                                       |
| Measuring system                    | Z 4   |
| Viscosity 20°C                      | 2.5 to 3.5 Pa.s                                       |
| Yield Point 20°C                    | 250 to 350 Pa   |
| Adhesion                            | good adhesion to substrate surface (cathodic EC)      |
| Paintability/ Paint compability     | good lamination with usual filler and top coat paints |
| In service temperature range        | -30 to 80 °C  |

### PRELIMINARY STATEMENT

Prior to use it is necessary to read the **Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

### APPLICATION:

TEROSON PV 3412 AA-25 is applied as a coating material with high pressure pumps with follower plate and compression ratio from 45:1 to 84:1, using the airless or air-mix system. The nozzles to be selected depend on the object to be coated; robotic spraying application is possible. The material contains no lumps or abrasive fillers.

### Storage:

|                                   |             |
|-----------------------------------|-------------|
| Recommended transport temperature | 15 to 30 °C |
| Recommended storage temperature   | 15 to 25 °C |
| Shelf life                        | 3 months    |

### Disclaimer

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**Henkel AG & Co. KGaA**  
D-40191 Düsseldorf, Germany  
Phone: +49-211-797-0  
[www.henkel.com](http://www.henkel.com)

**Henkel Central Eastern Europe GmbH**  
A-1030 Wien, Austria  
Phone: +43-1711-040  
[www.henkel.com](http://www.henkel.com)

**Henkel & Cie AG**  
CH-4133 Pratteln, Switzerland  
Phone: +41-61-825-7000  
[www.henkel.com](http://www.henkel.com)

