

TEROSON® VR 155

October 2024

Product description

TEROSON® VR 155 provides the following product characteristics:

Technology	Primer
Chemical type	Chlorinated polyolefins
Appearance (uncured)	Whitish, transparent liquid
Components	One component – requires no mixing
Viscosity	Liquid
Cure	Not applicable
Application	Surface pretreatment
Environmental temperature at application	15 to 30°C (59 to 86°F)
In service temperature	-40 to 80°C (-40 to 176°F)
Specific benefits	<ul style="list-style-type: none">• Improve adhesion on plastics• Simple process for priming in aerosol• Does not contain CFC

TEROSON® VR 155 is a transparent, whitish liquid, solvent-containing primer, based on chlorinated polyolefins.
TEROSON® VR 155 is used as an adhesion promoter for bonding Plastics, e.g. PP/ EPDM, Polyolefin blends, SMC, PA and ABS.

Typical properties

Specific gravity @ 23°C	0.9
Drying time @ 23°C, minutes	5
Solids %	4.5

Typical performance

TEROSON® VR 155 is used for promoting adhesion of adhesives and sealants on plastic surfaces.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet.

Direction for use

Surface pretreatment

1. The surfaces to be coated must be dry, free from oil, grease, wax, dirt, release agents and plastic care products, which would adversely affect adhesion. Pre-cleaning with a high-pressure injection cleaner is recommended.
2. After drying (oven, infrared), clean the parts with TEROSON VR 10.
3. Finally, the plastic parts are sanded with a narrow belt or eccentric sander (grain120). After removing the sanding dust, the parts are cleaned one more time with TEROSON VR 10 (drying time minimum 5 minutes).

Preparation

1. Prior to use, shake the aerosol can vigorously by hand for at least 1 minute.

Application

1. Apply a thin and even layer of TEROSON® VR 155 from the aerosol can.
2. Turn the aerosol can upside down and blow off the spray head to prevent clogging.
3. Prior to adhesive application, minimum 5 minutes flash-off time must be observed.

Handling Precautions

TEROSON® VR 155 must be handled in a manner applicable to highly flammable materials and in compliance with relevant local regulations.
Special care must be taken to avoid contact of the product or its vapor with naked flame or any electrical equipment that is not flame proofed.
The solvent can affect certain plastics or coatings. It is recommended to check all surfaces for compatibility before use.
Protect from freezing.



Storage

The product is classified as flammable and must be stored in an appropriate storage area in compliance with relevant regulations. Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling. **Optimal Storage: 5 °C to 25 °C.** Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel representative.

Product specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and Certificate

Please contact a Henkel representative for related approval or certificate of this product.

Data ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23°C / 50% RH = 23±2°C / 50±5% RH

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\mu\text{m} / 25.4 = \text{mil}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

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Reference 1

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