

TEROSON® BOND ACTIVATOR

Known as TEROSON® PU 8560 AC-25
August 2020

PRODUCT DESCRIPTION

TEROSON® BOND ACTIVATOR provides the following product characteristics:

Technology	Activator
Chemical Type	Silane containing solvent
Appearance (uncured)	Clear liquid
Components	One-component – requires no mixing
Viscosity	Liquid
Cure	Humidity
Application	Surface pretreatment
Environmental temperature at application	10 to 45°C (50 to 113°F)
Material application temperature	10 to 35°C (50 to 95°F)
In service temperature	-40 to 90°C (-40 to 194°F)
Short exposure (up to 1h)	120°C (248°F)
Specific Benefits	<ul style="list-style-type: none"> • Excellent adhesion on glass, ceramic, paint and plastics • Simple process • UV resistant • Fast evaporation

TEROSON® BOND ACTIVATOR is a solvent based active cleaner, which contains silanes. It is free from chlorinated hydrocarbons, aromatic solvents and from isocyanates. TEROSON® BOND ACTIVATOR is used for cleaning and activating glass and ceramic coatings prior to glass bonding without black glass primer. Typical applications include the bonding of front, rear and side screens to the body of passenger-, utility-, special- and rail vehicles.

TYPICAL PROPERTIES

Tested @ 23°C/50%RH

Specific Gravity	0.7
Solids, %	1.4
Drying time, minutes	5

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 Safety Data Sheet (SDS).

Direction For Use

Surface Pretreatment

The surfaces to be coated must be dry, free of oil, dust, grease and other components or residues which would adversely affect adhesion. The surface must be cleaned and pretreated with TEROSON® VR 10 or TEROSON® BOND GLASS CLEANER. Technical Data Sheet of recommended cleaner has to be observed.

Application

TEROSON® BOND ACTIVATOR is applied with a clean cloth to the surface. After this wet application it is not allowed to wipe off with a dry cloth. The adhesive can be applied after 5 minutes drying time. Drying speed is depending on environmental conditions. TEROSON® BOND ACTIVATOR is applied on glass or ceramic coating, but only in the bonding area. It is not suitable for cleaning of visible areas due to reactive ingredients that may lead to spots and stripes after drying. Contaminations in the visible areas must be removed immediately by using a pure solvent cleaner.

Handling Precautions:

TEROSON® BOND ACTIVATOR 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 a 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.

Storage

Store product in the unopened container in a dry location. Storage information may also be indicated on the product container labelling.

Optimal Storage: 15 to 25 °C. Storage below 5 °C or greater than 25 °C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation 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 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:

(°C x 1.8) + 32 = °F
 kV/mm x 25.4 = V/mil
 mm / 25.4 = inches
 µm / 25.4 = mil
 N x 0.225 = lb
 N/mm x 5.71 = lb/in
 N/mm² x 145 = psi
 MPa x 145 = psi
 N·m x 8.851 = lb·ft
 N·m x 0.738 = lb·ft
 N·mm x 0.142 = oz·in
 mPa·s = cP

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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