

Technical Datasheet

Bostik, Inc.



PLIOBOND™ 35 General Purpose, VOC-Compliant Adhesive

Description	<p>PLIOBOND 35 adhesive is a general purpose, VOC compliant, thermosetting adhesive which can be used to bond virtually all porous and non-porous substrates. When cured, PLIOBOND 35 adhesive provides tough, chip resistant bonds that remain flexible over a wide range of temperatures. Substrates bonded with PLIOBOND 35 adhesive offer excellent resistance to mechanical shock and oxidization. This adhesive offers excellent dielectric properties and has low water absorption. PLIOBOND 35 adhesive comes ready to use - no conditioner, accelerator or catalyst are required. PLIOBOND 35 adhesive can be applied by spraying, roll coating, knife coating or brushing.</p>
Suggested Uses	<ul style="list-style-type: none">• PLIOBOND 35 adhesive can be used as a sealer, primer, water repellent or coating for metal, wood, plastic, plastic film, ceramic, bone, ivory, glass, rubber, paper, leather, plaster, drywall, insulation, concrete, brick and stone.• Assembling electric appliances and equipment• Doping electric motor armature coils• Anchoring nonskid material to floors• Waterproofing awnings, tarps, convertible tops, and outdoor furniture• Protecting above-water surfaces on watercraft
Alternate Products	<p>PLIOBOND 25 VOC compliant adhesive is a lower solids and viscosity adhesive. PLIOBOND 45 VOC compliant adhesive is a high solids and viscosity adhesive.</p>

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Typical Liquid
Properties at 77°F
(25°C)

Base	Synthetic Polymer
Color	Tan
Solids by Weight, %	30 ± 2
Solvent Formulation	Ketone
Viscosity, Brookfield, cps, Spindle No. 4 @ 10 rpm	6500 ± 3500
Specific Gravity	0.890
Pounds per gallon @ 77°F (25°C)	7.41
Flash point (Seta Flash)	<0°F
VOC g/L (by formulation)	<250 g/L (VOC-Compliant for regulated uses with limits of 250 g/L)
Coverage	340 – 360 sq ft/gal/dry mil
Application Temperature	40°F to 100°F (4°C to 38°C)
Service Temperature	ASTM D-816-10 psi at 500°F (260°C) for 1 hour

Typical Values: Based on material tested in our laboratories but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

Handling

PLIOBOND 35 adhesive contains ingredients that could be harmful if mishandled. Contact with skin and eyes should be avoided and the recommended personal protective equipment should be worn. Bostik maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Bostik products in your facilities.

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Recommended Storage When PLIOBOND 35 adhesive is stored indoors, out of direct sunlight, and in the original, unopened container between 60°F and 80°F (16°C to 27°C), the shelf life is six months. Always rotate stock.

DOT Label Requirements Extremely Flammable Liquid UN 1133

Notice All information presented herein is believed to be accurate and reliable, and is solely for the user's consideration, investigation and verification. The information is not to be taken as an express or implied representation or warranty for which Bostik, Inc. assumes legal responsibility. Any warranties, including warranties of merchantability, fitness for use or non-infringement of intellectual property rights of third parties, are herewith expressly excluded.

Since the user's product formulations, specific use applications and conditions of use are beyond the control of Bostik. Bostik makes no warranty or representation regarding the results which may be obtained by the user. It shall be the sole responsibility of the user to determine the suitability of any of the products mentioned for the user's specific application.

Bostik requests that the user reads, understands and complies with the information contained herein and the current Safety Data Sheet.