

PLIOBOND™ 35
 General-Purpose
 VOC-Compliant Adhesive

Technical Datasheet

Last Revision Date: March 2010
 Supersedes: April 2005

GENERAL PURPOSE, VOC COMPLIANT ADHESIVE

DESCRIPTION: 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.

SUGGESTED USES: 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. Other applications include:

- 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: PLIOBOND 25 VOC compliant adhesive is a low solids and viscosity adhesive. PLIOBOND 45 VOC compliant adhesive is a high solids and viscosity adhesive.

TYPICAL LIQUID PROPERTIES AT 77°F

Base	Synthetic Rubber
Color	Tan
Solids by Weight, %	30 +/- 2
Solvent Formulation	Ketone
Viscosity, cps Brookfield RVT Spindle No. 3 at 10 rpm	6500 +/- 3500
Specific Gravity	0.8895
Pounds per Gallon	7.4095
Flash Point, °F, SETA	< 0°F
VOC, lbs./gal. (SCAQMD 443/443.1)	2.03
Coverage	340-360 sq ft/gal/dry mil
Application Temperature, °F	40-100
Service Temperature, °F	ASTM D-816- 10 psi at 500°F 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.)

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PLIOBOND™ 35
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(Continued)

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.

Ashland maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.

Our Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Ashland products in your facilities.

RECOMMENDED STORAGE:

original, unopened container between 60°F and 80°F

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