

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.)

©Ashland, 1999, 2005, 2010

Ashland Inc., Performance Materials • PO Box 2219 • Columbus, OH 43216 • Tel: 1.800.322.6580 – Customer Service • Tel: 1.614.790.3333 • Fax: 1.614.790.3206



Responsible Care®

Ashland is committed to the continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world.

All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which seller assumes legal responsibility, and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.

* Responsible Care and the Responsible Care logo are registered service marks of the American Chemistry Council in the U.S. and of different entities in other countries.

* Registered trademark, Ashland
© 2008 Ashland

ASHLAND

PLIOBOND™ 35
General-Purpose, VOC-Compliant Adhesive
(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

Ashland Inc., Performance Materials • PO Box 2219 • Columbus, OH 43216 • Tel: 1.800.322.6580 – Customer Service • Tel: 1.614.790.3333 • Fax: 1.614.790.3206



Ashland is committed to the continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world.

All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which seller assumes legal responsibility, and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.

* Responsible Care and the Responsible Care logo are registered service marks of the American Chemistry Council in the U.S. and of different entities in other countries.

* Registered trademark, Ashland
© 2008 Ashland

ASHLAND.