


Ashland Chemical

PLIOBOND[®] Industrial Adhesives

INFOTECH[™]

ASHLAND CHEMICAL COMPANY • SPECIALTY POLYMERS & ADHESIVES DIVISION
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PLIOBOND[®] 20 GENERAL PURPOSE ADHESIVE

Date:
February 1999
 Supersedes:
January 1994

GENERAL PURPOSE ADHESIVE

DESCRIPTION: PLIOBOND 20 adhesive is a general purpose thermosetting adhesive which can be used to bond virtually all porous and nonporous substrates. When cured, PLIOBOND 20 adhesive provides tough, chip resistant bonds which remain flexible over a wide range of temperatures. Substrates bonded with PLIOBOND 20 adhesive offer excellent resistance to mechanical shock, oxidation, fungi, mold, and bacteria. This adhesive offers excellent dielectric properties and has low water absorption. PLIOBOND 20 adhesive comes ready to use - no conditioner, accelerator or catalyst is required.

SUGGESTED USES: PLIOBOND 20 adhesive can be used as a sealer, primer, water repellent or coater 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 30 adhesive and PLIOBOND 40 adhesive - high solids, high viscosity. PLIOBOND 1000 adhesive - low odor.

TYPICAL LIQUID PROPERTIES AT 77°F

Base	Synthetic Rubber
Color	Tan
Solids	
Weight, %	20
Solvent Formulation	Ketone
Viscosity, cps	
Brookfield RVT Spindle No. 2 at 20 rpm	700
Specific Gravity	8.868
Pounds per Gallon	7.23
Flash Point, °F (SETA)	20

DOT Label Required: Flammable Liquid

CODE: 584004

* Typical Values: (Based on material tested in our laboratories but variable 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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This information contained herein is correct to the best of our knowledge. The recommendations of applications contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence, or otherwise is limited to the purchase price of the material. Freedom to use any patent owned by Ashland or others is not to be inferred from any statement contained herein.

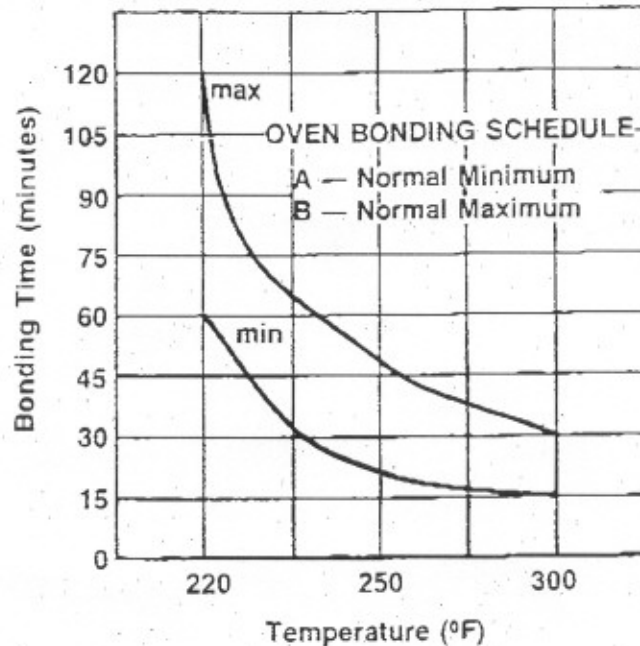
SPECIALTY POLYMERS
& ADHESIVES DIVISION

Ashland Chemical

PLIOBOND® 20 General Purpose Adhesive
(continued)

TYPICAL ADHESION PROPERTIES

CURE CYCLES



Coverage

215-230 sq ft/gal/dry mil

Application Temperature, °F

40-100

Service Temperature, °F

ASTM D-816-10 psi at 500°F for 1 hour

METHOD OF APPLICATION: PLIOBOND 20 adhesive can be applied by spraying, roll coating, knife coating or brushing.

HANDLING: PLIOBOND 20 adhesive contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

Ashland Chemical Company 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 Chemical products in your facilities.

RECOMMENDED STORAGE: When PLIOBOND 20 adhesive is stored indoors, out of direct sunlight, and in the original, unopened container between 60°F and 80°F, the shelf life is six months. Always rotate stock.