



TECHNICAL DATA SHEET

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RELIOBOND 705

DESCRIPTION: Reliobond 705 adhesive is water based and designed primarily for bonding vinyl film to various surfaces.

- PERFORMANCE:**
- Used satisfactorily for bonding Saran¹ film, cellulose acetate and polystyrene to a wide variety of substrates.
 - High wet tack.
 - Retains high bond strength upon aging.
 - Nonflammable.
 - Can be modified with chlorinated and aromatic solvents.
 - Easily thickened.
 - Fair resistance to humidity and sunlight.
 - Excellent mechanical stability.

TYPICAL PHYSICAL PROPERTIES OF RELIOBOND 705 ADHESIVE

Color	White
Base	Synthetic Resin
Total Solids (Nominal), %	56
Pounds per gallon (Nominal)	8.9
Viscosity, cps	1,300
Solvent	None
Specific Gravity	1.07
Flash Point, °F	None when wet
Shelf Life	6 Months in Closed Container (Protect from Freezing)
Thinner	Water
Clean Up	Water or Toluene
Drying Time, minutes	1 to 20

¹Dow Chemical

RECOMMENDED STORAGE AND HANDLING: RELIOBOND 705 adhesive should not be stored at less than 40 °F. Once it has been frozen, it cannot be returned to its original state. No special precautions are necessary for handling RELIOBOND 705 adhesive. For further health and safety information, refer to Material Safety Data sheets.

USE CONDITIONS: On porous or semi-porous surfaces, such as chipboard, plywood and hardboard, RELIOBOND 705 adhesive should be applied to the surface and the bond should be accomplished within 30 seconds after adhesive application. For optimum results, approximately 10 psi pressure should be applied to the bond to insure good contact.

RELIOBOND 705 adhesive can be applied satisfactorily with a brush, knife coater, roll coater or spray gun. Clean up can be accomplished with water when still wet or with toluene when dry.

All statements, technical information and recommendations contained herein are based on tests believed to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties expressed or implied.

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use the product. Before using, user shall determine the suitability of the product for their intended use and user assumes all risk and liability whatsoever in connection therewith.

The foregoing may not be changed except by an agreement signed by officers of seller or manufacturer.