



TECHNICAL DATA SHEET

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Reliobond 4042-1

Ruscoe's Reliobond 4042-1 is a solution of a thermoplastic urethane resin. This product can be used as an adhesive or sealant for flexible or rigid PVC. Reliobond 4042-1 can be used as a seam sealant for PVC aircraft escape slides, rain coats, and tent fabrics. Reliobond 4042-1 contains biocide to protect against fungal growth during storage.

PROPERTIES:

Solids	17-20%
Viscosity	1500-2500 cps (Brookfield #2 @ 10 rpm)
Color	Clear
Density	7.25 #/gal (0.87 g/mL)
Solvents	Methyl Ethyl Ketone, Tetrahydrofuran

SURFACE PREPARATION:

Substrates should be free of dirt, moisture, oils and other contaminants. Clean with alcohol solvent if necessary and allow surfaces to dry before applying adhesive.

APPLICATION:

Reliobond 4042-1 can be applied by brush, roller or squeeze bottle. Apply Reliobond 4042-1 directly to both bonding surfaces. Allow the adhesive to partially dry for 2-3 minutes. Mate the bonding surfaces and fixture so that the surfaces remain in contact until the adhesive has fully dried. For seam sealing applications, apply to seam and allow to dry for 30 minutes to 1 hour.

CLEANING:

Reliobond 4042-1 can be cleaned using acetone, methyl ethyl ketone, or tetrahydrofuran.

STORAGE:

Reliobond 4042-1 is flammable and should be stored below 100°F (37.7°C) in tightly sealed containers away from direct sunlight, heat, sparks, or other potential sources of ignition. Shelf life is 12 months from date of manufacture when stored appropriately. See Safety Data Sheet for more information on storage and disposal.

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. January 2018