



485 KENMORE BLVD.  
AKRON, OH 44301-1013  
WEB SITE: [www.ruscoec.com](http://www.ruscoec.com)

W.J. RUSCOE COMPANY  
P.O. BOX 3858  
AKRON, OH 44314-0858  
E-MAIL: [sales@ruscoe.com](mailto:sales@ruscoe.com)

PHONE: 330-253-8148  
FAX: 330-253-2933  
TOLL FREE: 800-293-8148

## Reliobond 1-78

### Description:

Reliobond 1-78 is a solvent based thermoplastic urethane. This product can be used as an adhesive or sealant for flexible or rigid PVC. Reliobond 1-78 contains an organic antimicrobial additive that protects the bond or seal from forming fungal or bacterial colonies.

### Physical Properties:

	Reliobond 1-78
Color:	Clear
Application Method	Brush, Roller
Viscosity:	1500-2500 cps (Brookfield #2@4)
% Non-volatile (solids):	17-20%
Density (#/gal):	7.29 #/gal

### Application:

Reliobond 1-78 can be applied by brush or roller. Apply Reliobond 1-78 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.

Alternately, the coated PVC can be completely dried before bonding. Following drying mate the bonding surfaces and apply heat until the adhesive reaches at least 350°F.

Polymeric isocyanate can be added to the adhesive prior to coating and will crosslink (cure) the urethane resin for a stronger bond. Contact Ruscoe Technical Service for more about this method.

### Cleaning:

Reliobond 1-78 can be cleaned prior to cure using methyl ethyl ketone, acetone, or tetrahydrofuran. A blend of methyl ethyl ketone and tetrahydrofuran is most effective.

### Storage:

Reliobond 1-78 should be stored in tightly sealed containers at temperatures below 90°F. When stored under normal conditions, Reliobond 1-78 has a shelf life of 18 months from the date of manufacture.