



80 Cypress Street, Warwick, RI 02888 ♦ U.S.A.
401-941-3000 ♦ 800-272-7752 ♦ Fax: 1-401-941-0150
info@rbcepoxy.com ♦ www.rbcepoxy.com

♦ *TECHNICAL BULLETIN* ♦ *TECHNICAL BULLETIN* ♦ *TECHNICAL BULLETIN* ♦

UV- 4104 UV Curable Adhesive

DESCRIPTION:

UV4104 is a one component, polyurethane based structural adhesive which cures quickly and efficiently under ultra violet light. It's thixotropic consistency provides a no sag bond and is suitable for vertical surface applications. UV4104 has superior adhesion to many substrates and is particularly effective for bonding a variety of plastics and nylon substrates. UV 4104 has superior moisture and solvent resistance.

TYPICAL APPLICATIONS:

- Electrical wire tacking and sealing
- Glass and plastic headlamp assembly
- Coil terminating
- Stemware assembly
- Disposable medical assembly
- Tamper proofing
- Bonding plastic and metal devices/assemblies

LIQUID CHARACTERISTICS:

- Viscosity.....Thixotropic gel @ 75 deg. F
- Color.....Clear
- Specific Gravity.....1.05

CURED CHARACTERISTICS:

- Temperature Range..... -50 to 150 deg C
- Hardness (Shore D)..... 50 D
- Tensile Strength..... 380

The manufacturer, RBC Industries, Inc., hereby gives notice that any statement or representation made by the manufacturer in the sales of any and all of its products shall not create any warranty of merchantability expressed or implied. Statements or descriptions are informational only and the purchaser shall be solely responsible for determining the adequacy of the product for any and all uses.

CURING SPECIFICATIONS:

Full cure (2 mil gap): 4-8 seconds @300 watt/in. @ 365 nm tuned wavelegnth

STORAGE:

Light sensitive material. Store in original container. Keep away from light. Keep container tightly closed when not in use.