



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 ADHESIVE PRODUCT DATA SHEET

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..... 3800 psi

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.