

**Product
Bulletin**

U101

One-Component Polyurethane, Moisture Curing Adhesive

GENERAL DESCRIPTION

U101 is a 75% solids, low viscosity, laminating adhesive. This system is a room temperature curing system that has been specifically formulated to bond dissimilar plastics. Fabric type materials are also good candidate substrates due to the flexibility of the adhesive system in the cured state.

The solvent in U101 is methylene chloride and flashes fast. This solvent should be removed from the substrate prior to joining for optimum results. By the use of Primer #1, a much faster cure will be realized.

U101 is available in 1-gallon, 5-gallon, and 55-gallon containers.

SPECIFICATIONS
HANDLING CHARACTERISTICS

<u>Shelf Life:</u>	4 months
<u>Mixed Viscosity @ 25°C cps:</u>	1,500-2,500
<u>Gel Content:</u>	free of gels
<u>Color:</u>	Amber, Blue, Clear
<u>Solids, %:</u>	75
<u>NCO, %:</u>	5

APPLICATION

Full cure at room temperature, 50% relative humidity will take 7 days. By increasing temperature, cure will occur faster. By priming surface with Primer #1, rapid cure can be expected.

The viscosity may be lowered by the addition of MCL, MEK, 1,1,1 Trichlorethane.

STORAGE AND HANDLING

Store at room temperature. Do not exceed 30°C storage temperature.