

Tacryl UV1041 is a difunctional solvent free epoxy acrylate oligomer for use in UV curing applications.

## TYPICAL PROPERTIES

- Appearance Clear liquid
- Type Solventless epoxy acrylate oligomer
- Solubility Soluble in:
  - Reactive diluents in relation with UV curing applications such as TPGDA, HDDA
- Color Hazen(APHA)(ASTM D-1209) <50  
Gardner(ASTM D-1544) <1
- Solids%(ASTM D-1259) 100
- Acid value(mg KOH/g)(ASTM D-1639) <3
- Functionality 2
- Viscosity at 60°C (cP)(ASTM D-562) 3000-7000
- Density at 25°C(g/ml)(ASTM D-1475) 1.14

## FILM PROPERTIES

- Good Scratch and chemical resistance
- appropriate hardness
- high reactivity

## RECOMMENDATIONS FOR END-USE

- printing and packaging industries
- composites
- metal coatings
- Wood coatings

## STORAGE

- Storage and handling should be in sealed, amber glass, amber polyethylene or baked phenolic containers. Care should be taken not to expose radiation curable products to temperatures exceeding 35°C and well-ventilated area for a maximum 6 month.

The information contained herein is correct and reliable to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee, as conditions and methods of use of our products are beyond our control. We suggest that you evaluate these recommendations in your own laboratory prior to use.