

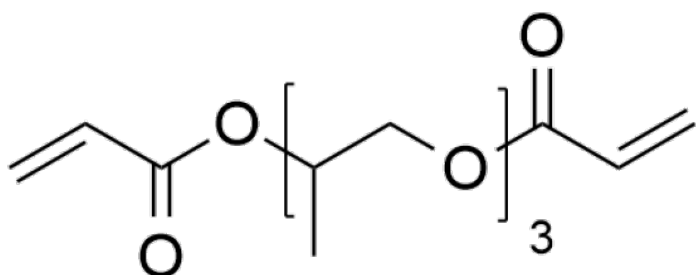
TECHNICAL DATA SHEET

SR306 F

Tripropylene Glycol Diacrylate

DESCRIPTION

SR306F is a low volatility, low viscosity monomer for use in free radical polymerization. Also available in a toluene-free version.



SHELF LIFE

Store in the original, closed container in a dry, cool (<45°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is 6 months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided. Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers

STORAGE

See SDS for Storage Considerations

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

LIQUID PROPERTIES

Appearance	Clear liquid
Viscosity at 25°C (mPa.s or cPs)	15
Density at 25°C (g/mL)	1.0411
Molecular Weight (g/mol)	300
Refractive Index at 25°C	1.4485
Surface Tension at 20°C (mN/m)	33
Functionality	2
Color (Pt/Co or APHA)	<50

CURED PROPERTIES

Tg (°C), by DSC	62
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PRODUCT PERFORMANCE

Hardness
Shrinkage
Flexibility
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Weatherability
Moisture Resistance
Corrosion Resistance
PE/PET/PP/PMMA Adhesion

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Composites
Conformal coatings
Electrical potting & encapsulation
Electronics
Flexographic inks
Inkjet inks
Metal coatings
Offset inks
Optical fibers
Overprint varnishes
Polymer synthesis
Screen inks
Wood coatings

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