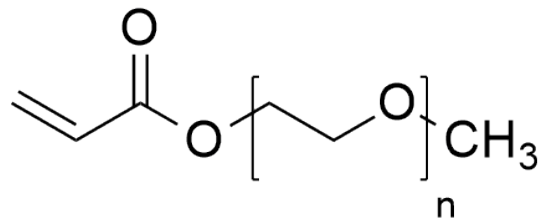


SR553

Methoxy Polyethylene Glycol (550) Monoacrylate

**Description**

SR553 is a monofunctional acrylate monomer that features excellent wetting, high flexibility, low Tg, and fast surface cure.

Product performance

Flexibility
Pigment Wetting
Shrinkage
Metal Adhesion
Wood Adhesion

Typical values

Appearance	Clear liquid
Color (Pt/Co or APHA)	<250
Density at 25°C (g/mL)	1.0992
Functionality	1
Molecular Weight (g/mol)	604
Refractive Index at 25°C	1.4581
Surface Tension at 20°C (mN/m)	40
Tg (°C), by DSC	-50
Viscosity at 25°C (mPa.s or cPs)	50

Suggested applications

Adhesives & sealants
Inkjet inks
Polymer synthesis

Shelf life

Store in the original, closed container in a dry, cool (<38°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; avoid storage under an oxygen-free atmosphere.

Storage

See SDS for Storage Considerations

Health and safety

See SDS for Health & Safety Considerations

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