

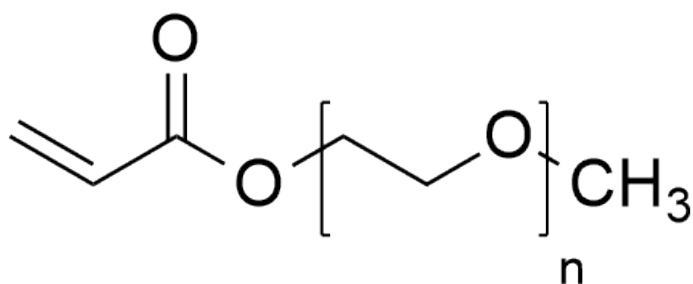
## TECHNICAL DATA SHEET

# 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.



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

### CURED PROPERTIES

Tg (°C), by DSC	-50
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### PRODUCT PERFORMANCE

Shrinkage  
Flexibility  
Pigment Wetting  
Wood Adhesion  
Metal Adhesion

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Inkjet inks  
Polymer synthesis

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