SARTOMER®

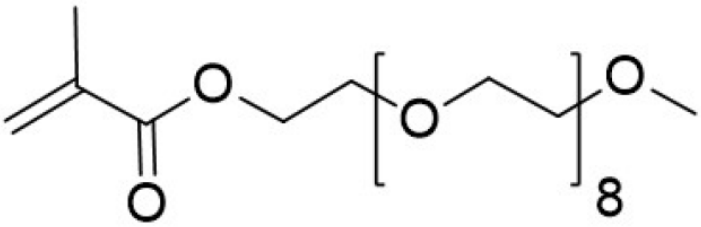
TECHNICAL DATA SHEET

# SR550

## Methoxy Polyethylene Glycol (350) Monomethacrylate

**DESCRIPTION**

SR550 is a monofunctional monomer that features excellent wetting, water solubility, low Tg, and fast surface cure. It is recommended as a versatile chemical intermediate for coatings and polymer modification.




## LIQUID PROPERTIES

| | |
|---|---|
| Appearance | Clear liquid |
| Viscosity at 25°C (mPa.s or cPs) | 19 |
| Density at 25°C (g/mL) | 1.0752 |
| Molecular Weight (g/mol) | 418 |
| Refractive Index at 25°C | 1.4566 |
| Surface Tension at 20°C (mN/m) | 36.8 |
| Functionality | 1 |
| Color (Pt/Co or APHA) | <400 |

## CURED PROPERTIES

| | |
|---|---|
| Tg (°C), by DSC | -62 |

## PRODUCT PERFORMANCE

Shrinkage
Flexibility
Weatherability
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
PE/PET/PP/PMMA Adhesion

## SPECIAL FEATURE

Water soluble

## SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Artificial marble
Composites
Industrial flooring & waterproofing
Inkjet inks
Polymer synthesis

## 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

**Headquarters: Arkema France**
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80
www.Sartomer.arkema.com

SARTOMER - 2026-11-09

Arkema France, a French société anonyme registered at the Trade and Companies
www.arkema.com

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on
https://www.arkema.com/global/en/products/product-safety/disclaimer/

ARKEMA