

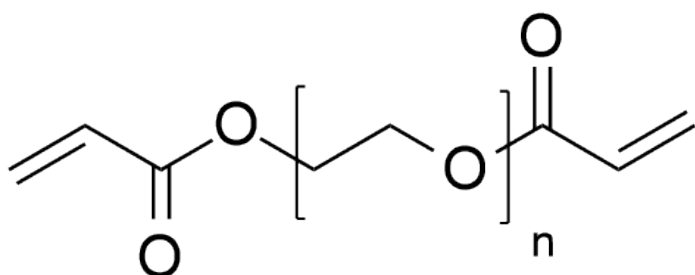
## TECHNICAL DATA SHEET

# SR259

Polyethylene Glycol (200) Diacrylate

### DESCRIPTION

SR259 is a low volatility monomer which produces soft, flexible free-radically cured flexible films.



### 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	2
Color (Pt/Co or APHA)	<200
Density at 25°C (g/mL)	1.1253
Refractive Index at 25°C	1.4639
Viscosity at 25°C (mPa.s or cPs)	25
Molecular Weight (g/mol)	308
Surface Tension at 20°C (mN/m)	39

### CURED PROPERTIES

Tg (°C), by DSC	13
-----------------	----

### PRODUCT PERFORMANCE

Flexibility	
Shrinkage	
Weatherability	
Chemical Resistance	
Moisture Resistance	
Corrosion Resistance	

### SPECIAL FEATURE

Hydrophilic

### SUGGESTED APPLICATIONS

Adhesives & sealants  
 Flexographic inks  
 Industrial flooring & waterproofing  
 Inkjet inks  
 Overprint varnishes  
 Polymer synthesis  
 Screen inks  
 Wood coatings

**Arkema Inc**  
 502 Thomas Jones Way  
 Exton, PA 19341 – AMERICA  
[www.Sartomer.arkema.com](http://www.Sartomer.arkema.com)

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