

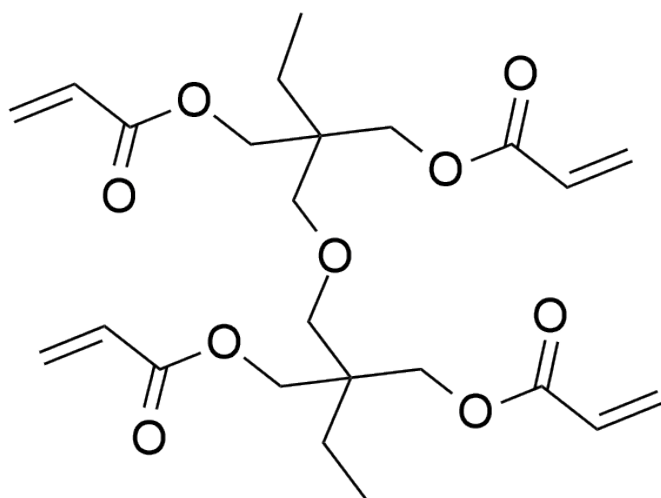
## TECHNICAL DATA SHEET

# SR355

## Di-Trimethylolpropane Tetraacrylate

### DESCRIPTION

SR355 is a low skin irritation tetrafunctional monomer offering fast cure response and a high crosslink density upon curing.



### 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	4
Color (Pt/Co or APHA)	<300
Density at 25°C (g/mL)	1.013
Refractive Index at 25°C	1.4758
Viscosity at 25°C (mPa.s or cPs)	600
Molecular Weight (g/mol)	467
Surface Tension at 20°C (mN/m)	36

### CURED PROPERTIES

Tg (°C), by DSC	98
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### PRODUCT PERFORMANCE

Chemical Resistance  
 Hardness  
 Stain Resistance  
 Scratch Resistance  
 Abrasion Resistance  
 Weatherability  
 Moisture Resistance  
 Corrosion Resistance

### SPECIAL FEATURE

High functionality

### SUGGESTED APPLICATIONS

Adhesives & sealants  
 Flexographic inks  
 Inkjet inks  
 Metal coatings  
 Offset inks  
 Overprint varnishes  
 Polymer synthesis  
 Screen inks  
 Wood coatings

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