

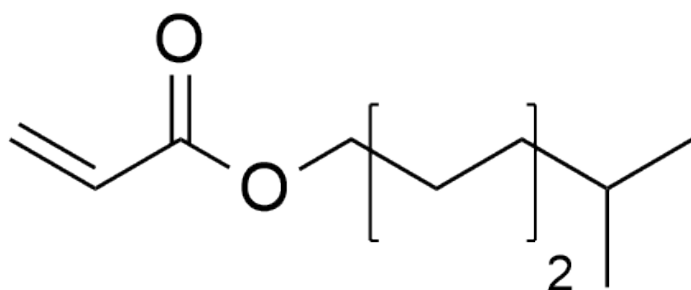
## TECHNICAL DATA SHEET

# SR440

## Isooctyl Acrylate

### DESCRIPTION

SR440 is a low viscosity, monofunctional monomer which acts as a reactive diluent.



### 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)	<100
Viscosity at 25°C (mPa.s or cPs)	5
Density at 25°C (g/mL)	0.8826
Molecular Weight (g/mol)	184
Refractive Index at 25°C	1.4346
Surface Tension at 20°C (mN/m)	28

### CURED PROPERTIES

Tg (°C), by DSC	-54
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### PRODUCT PERFORMANCE

Flexibility  
Chemical Resistance  
Shrinkage  
Weatherability

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Conformal Coatings  
Inkjet inks  
Optical fibers  
Polymer synthesis

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

**Arkema France**  
420, rue d'Estienne d'Orves  
92705 Colombes Cedex  
France  
[www.Sartomer.arkema.com](http://www.Sartomer.arkema.com)