

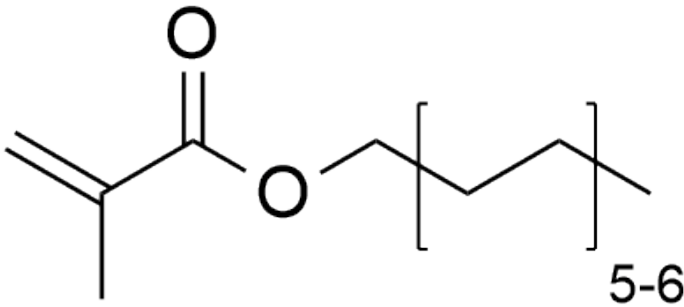
## TECHNICAL DATA SHEET

# SR313 B

## C12 C14 Alkyl Methacrylate

### DESCRIPTION

SR313B is a low volatility monofunctional monomer with a long chain aliphatic hydrophobic backbone. SR313A is available as lauryl methacrylate. SR313D is also available as a C12 C14 alkyl methacrylate.



### LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Color (Pt/Co or APHA)	<100
Density at 25°C (g/mL)	0.8746
Refractive Index at 25°C	1.442
Viscosity at 25°C (mPa.s or cPs)	6
Molecular Weight (g/mol)	263

### CURED PROPERTIES

Tg (°C), by DSC	-65
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### PRODUCT PERFORMANCE

Flexibility  
Moisture Resistance  
Chemical Resistance  
Corrosion Resistance  
Shrinkage  
Weatherability

### SPECIAL FEATURE

Hydrophobic

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Artificial marble  
Composites  
Conformal coatings  
Electrical potting & encapsulation  
Industrial flooring & waterproofing  
Metal coatings  
Polymer synthesis  
Wood coatings

### 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

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