SARTOMER®

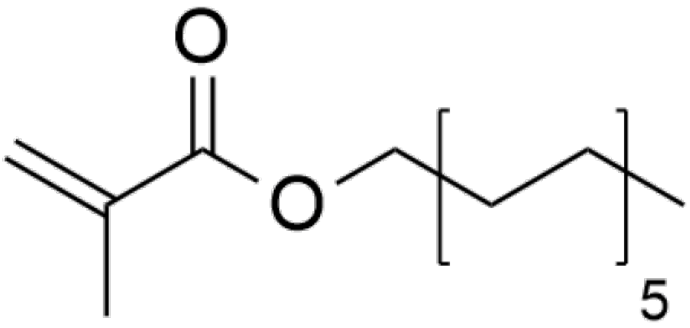
TECHNICAL DATA SHEET

SR313 A

Lauryl Methacrylate

DESCRIPTION

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



LIQUID PROPERTIES

Appearance	Clear liquid
Viscosity at 25°C (mPa.s or cPs)	7.5
Density at 25°C (g/mL)	0.8746
Molecular Weight (g/mol)	252
Refractive Index at 25°C	1.442
Functionality	1
Color (Pt/Co or APHA)	<50

CURED PROPERTIES

Tg (°C), by DSC	-28

PRODUCT PERFORMANCE

Flexibility
Moisture Resistance
Shrinkage
Chemical Resistance
Corrosion Resistance
Weatherability

SPECIAL FEATURE

Hydrophobic

SUGGESTED APPLICATIONS

Adhesives & sealants
Artificial marble
Composites
Conformal coatings
Electrical potting & encapsulation
Electronics
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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