

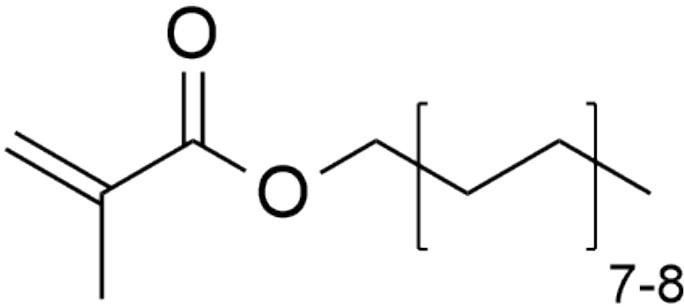
TECHNICAL DATA SHEET

SR324

Stearyl Methacrylate

DESCRIPTION

SR324 is a monofunctional monomer with a long chain hydrophobic backbone. It may act as a flexibilizer.



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)	<200
Viscosity at 25°C (mPa.s or cPs)	14
Molecular Weight (g/mol)	339
Density at 25°C (g/mL)	0.8685
Refractive Index at 25°C	1.4485

CURED PROPERTIES

Tg (°C), by DSC	38
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PRODUCT PERFORMANCE

Shrinkage
Moisture Resistance
Chemical Resistance
Corrosion Resistance
Hardness
Flexibility
Weatherability

SPECIAL FEATURE

Hydrophobic

SUGGESTED APPLICATIONS

Adhesives & sealants
Electrical potting & encapsulation
Polymer synthesis

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