

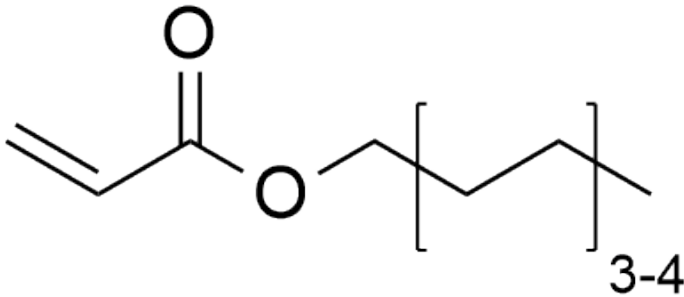
TECHNICAL DATA SHEET

SR484

Octyldecyl Acrylate

DESCRIPTION

SR484 is a monofunctional monomer with a long chain hydrophobic backbone. It may act as a bubble breaker.



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)	<80
Viscosity at 25°C (mPa.s or cPs)	4
Density at 25°C (g/mL)	0.8826
Molecular Weight (g/mol)	200
Refractive Index at 25°C	1.4371
Surface Tension at 20°C (mN/m)	27.8

CURED PROPERTIES

Tg (°C), by DSC	-66
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PRODUCT PERFORMANCE

Flexibility
Shrinkage
Chemical Resistance
Weatherability
Scratch Resistance
Abrasion Resistance

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Electronics
Flexographic inks
Inkjet inks
Metal coatings
Optical fibers
Overprint varnishes
Polymer synthesis

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