

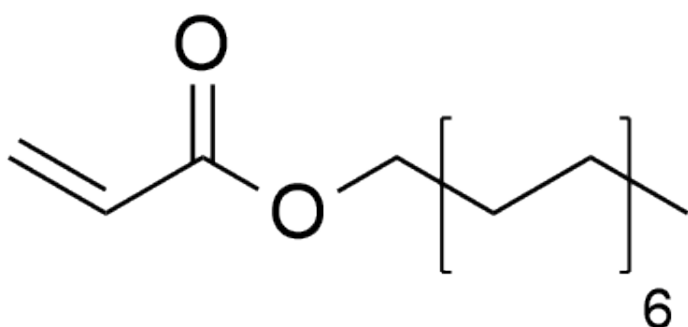
TECHNICAL DATA SHEET

SR588

Tetradecyl Acrylate (ECHA)

DESCRIPTION

SR588 is a long chain aliphatic monomer that is free radical curable and suited to applications such as acrylic polymers, hydrophobic coatings, and plastic 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

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Viscosity at 25°C (mPa.s or cPs)	6
Density at 25°C (g/mL)	0.8706
Molecular Weight (g/mol)	268
Refractive Index at 25°C	1.442
Surface Tension at 20°C (mN/m)	29

CURED PROPERTIES

Tg (°C), by DSC	6
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PRODUCT PERFORMANCE

SPECIAL FEATURE

Hydrophobic

SUGGESTED APPLICATIONS

Plastic coatings
Polymer synthesis

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