

TECHNICAL DATA SHEET

SR217

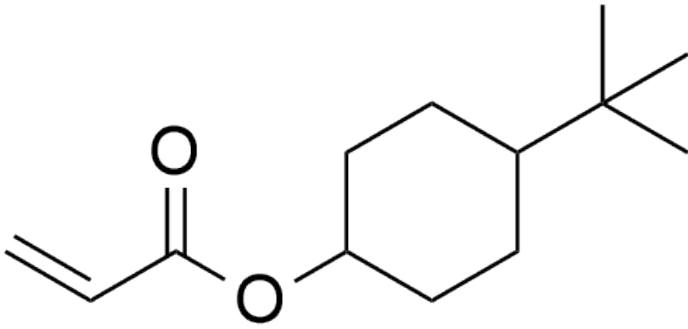
Tertiobutyl Cyclohexyl Acrylate

DESCRIPTION

SR217 is a low viscosity aliphatic monofunctional monomer for use in UV/EB coating and ink formulations. SR217 improves adhesion to plastics, metals, and other difficult substrates.



Superior weathering performance



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)	<150
Density at 25°C (g/mL)	0.9438
Refractive Index at 25°C	1.4605
Viscosity at 25°C (mPa.s or cPs)	9
Molecular Weight (g/mol)	210
Surface Tension at 20°C (mN/m)	28.2

CURED PROPERTIES

Tg (°C), by DSC	40
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PRODUCT PERFORMANCE

Shrinkage
Flexibility
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Scratch Resistance
Abrasion Resistance
Moisture Resistance
Corrosion Resistance
PE/PET/PP/PMMA Adhesion
Weatherability

SPECIAL FEATURE

Adhesion promoter

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Conformal coatings
Electrical potting & encapsulation
Inkjet inks
Metal coatings
Polymer synthesis
Screen inks
Wood coatings

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