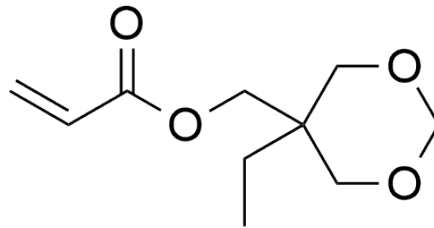


## SR531

## Cyclic trimethylol- propane formal acrylate

**Description**

SR531 is a low viscosity monofunctional acrylate monomer that is used in a variety of UV/EB-cured applications, including inks, wood coatings, stereo-lithography, and photopolymer printing plates. SR531 is tough, flexible, non-yellowing, and imparts adhesion to a variety of substrates.

**Product performance**

ABS/PC Adhesion  
Metal Adhesion  
PE/PET/PP/PMMA Adhesion  
PVC/PS Adhesion  
Wood Adhesion

**Suggested applications**

3D printing  
Adhesives & sealants  
Conformal coatings  
Electronics  
Inkjet inks  
Metal coatings  
Optical fibers  
Polymer synthesis  
Wood coatings

**Special features**

Tough

**Shelf life**

Store in the original, closed container in a dry, cool (<38°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; avoid storage under an oxygen-free atmosphere.

**Storage**

See SDS for Storage Considerations

**Health and safety**

See SDS for Health & Safety Considerations

**Typical values**

Appearance	Clear liquid
Color (Pt/Co or APHA)	<250
Density at 25°C (g/mL)	1.0932
Functionality	1
Molecular Weight (g/mol)	200
Refractive Index at 25°C	1.462
Surface Tension at 20°C (mN/m)	33
Tg (°C), by DSC	30
Viscosity at 25°C (mPa.s or cPs)	15

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