

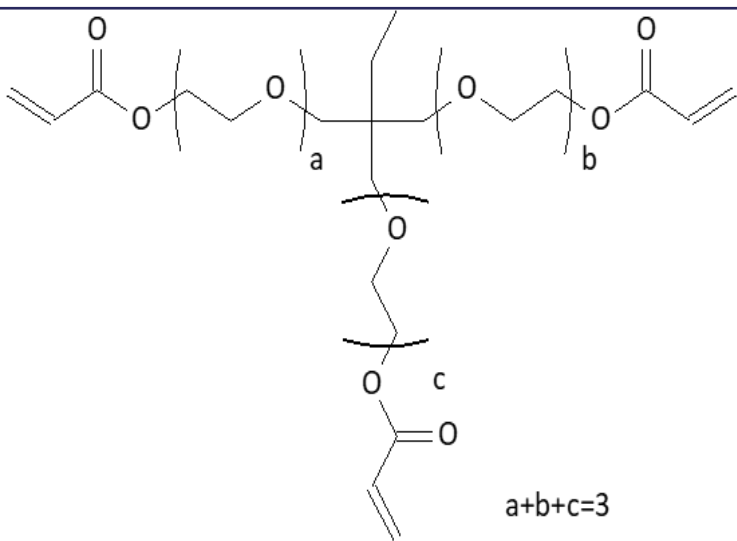
## TECHNICAL DATA SHEET

# SR454LR NS

## Ethoxylated (3) Trimethylolpropane Triacrylate

### DESCRIPTION

SR454LR NS, 3 mole ethoxylated trimethylolpropane triacrylate, is a low skin irritation, fast curing monomer for use in free radical polymerization.



### SALES SPECIFICATIONS

TMPTA content (%) <0.9%

### LIQUID PROPERTIES

Appearance	Light yellow liquid
Functionality	3
Color (Pt/Co or APHA)	22
Acid Value (mg KOH/g)	0.05
Viscosity at 25°C (mPa.s or cPs)	67
Refractive Index at 25°C	1.4689
Surface Tension at 20°C (mN/m)	39.6

### CURED PROPERTIES

Tg (°C), by DSC -40

### PRODUCT PERFORMANCE

Weatherability

### SUGGESTED APPLICATIONS

- 3D printing
- Composites
- Flexographic inks
- Metal coatings
- Offset inks
- Overprint varnishes
- Plastic coatings
- Screen inks
- Wood 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 24 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

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