

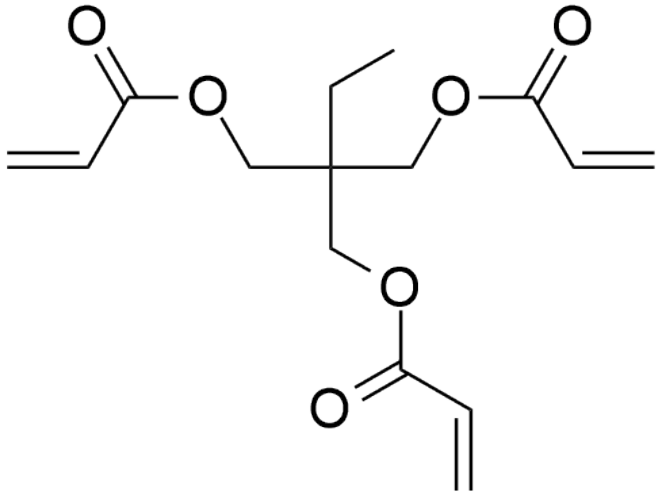
TECHNICAL DATA SHEET

SR351 H

Trimethylolpropane Triacrylate

DESCRIPTION

SR351 is a low viscosity, low volatility monomer which offers fast cure response during free-radical polymerization.



LIQUID PROPERTIES

| | |
|----------------------------------|--------------|
| Appearance | Clear liquid |
| Functionality | 3 |
| Color (Pt/Co or APHA) | <100 |
| Density at 25°C (g/mL) | 1.105 |
| Refractive Index at 25°C | 1.4723 |
| Surface Tension at 20°C (mN/m) | 36 |
| Viscosity at 25°C (mPa.s or cPs) | 106 |
| Molecular Weight (g/mol) | 296 |

CURED PROPERTIES

| | |
|-----------------|----|
| Tg (°C), by DSC | 62 |
|-----------------|----|

PRODUCT PERFORMANCE

| |
|---------------------|
| Hardness |
| Weatherability |
| Scratch Resistance |
| Abrasion Resistance |
| Moisture Resistance |

SUGGESTED APPLICATIONS

Adhesives & sealants
Artificial marble
Composites
Conformal coatings
Electronics
Flexographic inks
Inkjet inks
Metal coatings
Offset inks
Optical fibers
Overprint varnishes
Polymer synthesis
Rubber manufacturing
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 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

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