

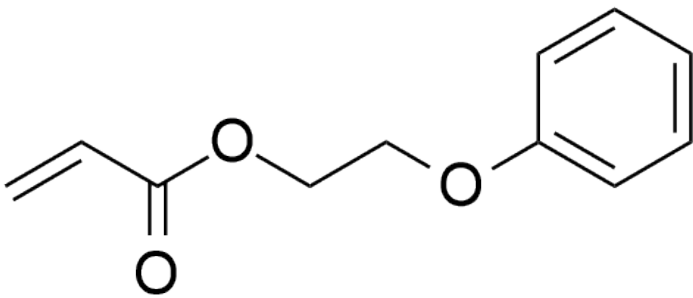
TECHNICAL DATA SHEET

SR339

2-Phenoxyethyl Acrylate

DESCRIPTION

SR339 is a low volatility monofunctional, aromatic monomer which offers good adhesion properties.



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) | <100 |
| Viscosity at 25°C (mPa.s or cPs) | 12 |
| Density at 25°C (g/mL) | 1.1062 |
| Refractive Index at 25°C | 1.516 |
| Surface Tension at 20°C (mN/m) | 39 |
| Molecular Weight (g/mol) | 192 |

CURED PROPERTIES

| | |
|-----------------|---|
| Tg (°C), by DSC | 5 |
|-----------------|---|

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Adhesives & sealants
Composites
Conformal Coatings
Electronics
Flexographic inks
Inkjet inks
Metal coatings
Offset inks
Optical fibers
Overprint varnishes
Polymer synthesis
Screen inks
Wood coatings

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