

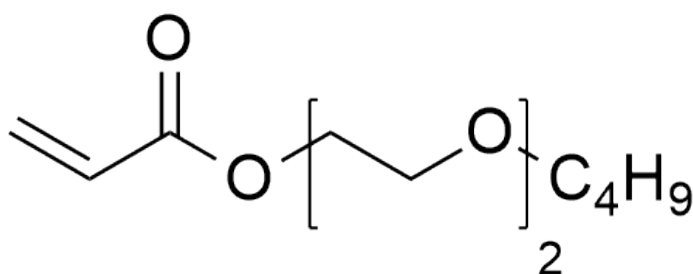
## TECHNICAL DATA SHEET

# SR278

## Acrylate Ester

### DESCRIPTION

SR278 is a monofunctional acrylate ester that functions as a low volatile, low viscosity diluent for UV/EB-curable adhesives, photo-polymer printing plates, and ink jet inks.



### LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Color (Pt/Co or APHA)	<400
Viscosity at 25°C (mPa.s or cPs)	5
Density at 25°C (g/mL)	0.9829
Refractive Index at 25°C	1.438
Surface Tension at 20°C (mN/m)	30
Molecular Weight (g/mol)	216

### CURED PROPERTIES

Tg (°C), by DSC	-74
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### PRODUCT PERFORMANCE

Flexibility  
Moisture Resistance  
Weatherability  
Corrosion Resistance  
Shrinkage

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Inkjet inks  
Overprint varnishes

### 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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