

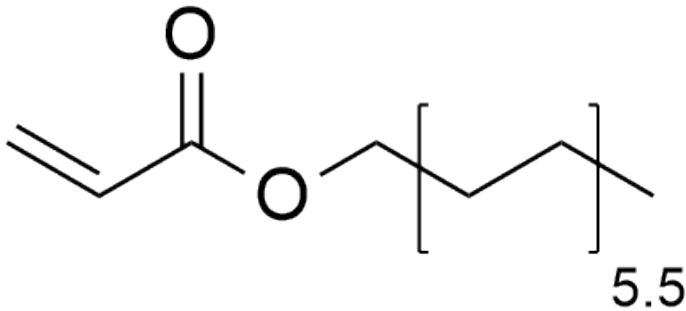
## TECHNICAL DATA SHEET

# SR489 D

## Tridecyl Acrylate

### DESCRIPTION

SR489Dis a low viscosity, low odor, low skin irritation, monofunctional acrylate with low ester content.



### LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Color (Pt/Co or APHA)	<100
Density at 25°C (g/mL)	0.8836
Refractive Index at 25°C	1.4474
Surface Tension at 20°C (mN/m)	28.9
Viscosity at 25°C (mPa.s or cPs)	7
Molecular Weight (g/mol)	255

### CURED PROPERTIES

Tg (°C), by DSC	-55
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### PRODUCT PERFORMANCE

Flexibility  
Chemical Resistance  
Shrinkage  
Weatherability  
Scratch Resistance  
Abrasion Resistance

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Conformal coatings  
Flexographic inks  
Inkjet inks  
Metal coatings  
Optical fibers  
Overprint varnishes  
Polymer synthesis  
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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