

## TECHNICAL DATA SHEET

# SARBIO® 5106

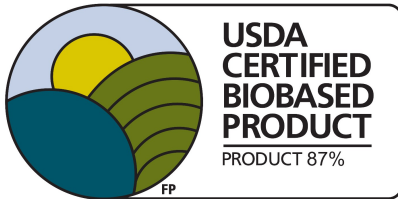
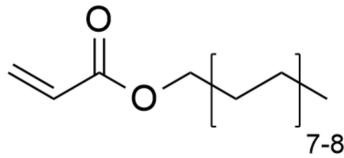
Stearyl (C16-C18) Acrylate

### DESCRIPTION

SARBIO® 5106 is a monofunctional monomer with a long chain hydrophobic backbone. It may act as a bubble breaker.



USDA Certified Biobased 85%



### LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Viscosity at 25°C (mPa.s or cPs)	3
Refractive Index at 25°C	1.4476
Molecular Weight (g/mol)	315
Density at 25°C (g/mL)	0.8665
Bio content (%)	85

### CURED PROPERTIES

Tg (°C), by DSC	-35
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### PRODUCT PERFORMANCE

Flexibility  
Moisture Resistance  
Shrinkage  
Chemical Resistance  
Corrosion Resistance  
Hardness  
Weatherability

### SPECIAL FEATURE

Hydrophobic

### SUGGESTED APPLICATIONS

Electrical potting & encapsulation  
Flexographic inks  
Industrial flooring & waterproofing  
Inkjet inks  
Overprint varnishes  
Polymer synthesis  
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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