

TECHNICAL DATA SHEET

SARBIO 5106

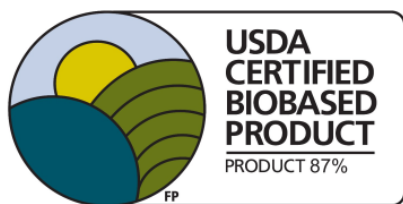
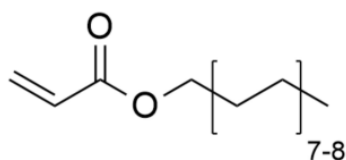
Stearyl (C16-C18) Acrylate

DESCRIPTION

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



USDA Certified Biobased 85%



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

CURED PROPERTIES

| | |
|-----------------|-----|
| Tg (°C), by DSC | -35 |
|-----------------|-----|

PRODUCT PERFORMANCE

Shrinkage
Flexibility
Moisture Resistance
Chemical Resistance
Corrosion Resistance
Hardness
Weatherability

SPECIAL FEATURE

Hydrophobic

SUGGESTED APPLICATIONS

3D printing
Electrical potting & encapsulation
Flexographic inks
Industrial flooring & waterproofing
Inkjet inks
Overprint varnishes
Polymer synthesis
Screen inks
Wood coatings

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