

## TECHNICAL DATA SHEET

# SARBIO<sup>®</sup> 6105

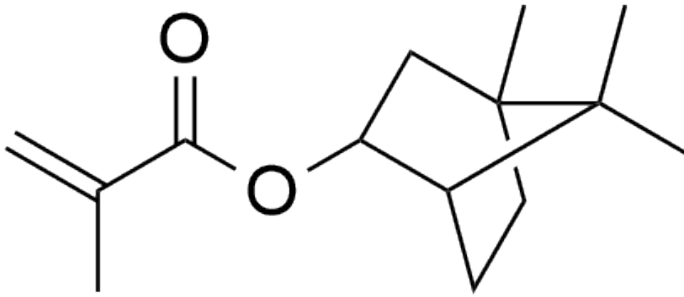
## Isobornyl Methacrylate

### DESCRIPTION

SARBIO<sup>®</sup> 6105 is an excellent reactive diluent for oligomers. It produces polymers through free radical curing that have a high glass transition temperature.



Biobased feedstock



### LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Refractive Index at 25°C	1.474
Viscosity at 25°C (mPa.s or cPs)	11
Molecular Weight (g/mol)	222
Surface Tension at 20°C (mN/m)	31
Density at 25°C (g/mL)	0.9819
Bio content (%)	76

### CURED PROPERTIES

Tg (°C), by DSC	110
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### PRODUCT PERFORMANCE

Hardness  
Shrinkage  
Chemical Resistance  
Wood Adhesion  
Weatherability  
Stain Resistance  
Corrosion Resistance  
Moisture Resistance

### SPECIAL FEATURE

Hydrophobic

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Artificial marble  
Composites  
Conformal coatings  
Electrical potting & encapsulation  
Electronics  
Industrial flooring & waterproofing  
Metal coatings  
Nail care

### 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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