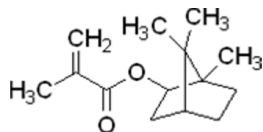


ISOBORNYL METHACRYLATE

INTRODUCTION

EBECRYL® IBOMA (isobornyl methacrylate) is a mono-functional monomer which polymerizes when exposed to sources of free radicals. EBECRYL® IBOMA forms homopolymers and copolymers. EBECRYL® IBOMA is compatible with a wide range of acrylated- and methacrylated resins.



CAS# 7534-94-3

PERFORMANCE DATA

EBECRYL® IBOMA is characterized by its:

- Low viscosity
- High purity mono-methacrylate resin

EBECRYL® IBOMA is used in following applications:

- Co-monomer to improve hardness, flexibility, chemical- and weather resistance
- UV and thermally cured applications like anaerobic adhesives, sealants, flexographic printing plates, chemical anchoring

TYPICAL VALUES

Appearance	Clear liquid
Dynamic viscosity at 25°C, mPa.s	max. 10
Color, Apha	max. 100
Water content, %	max. 0.2
Acid number, mg KOH/g	max. 0.5
Stabilizer (MeHQ), ppm	90 - 180

PHYSICAL PROPERTIES

Density, g/cm ³	0.983
Functionality, theoretical	1
Molecular weight, Dalton	222
Refraction index, 20°C	1.477

SUGGESTED APPLICATIONS

EBECRYL® IBOMA can be used as a co-agent to optimize hardness, chemical- and weathering performance of coatings. Possible applications include anaerobic adhesives, formulations for coatings, PVC co-agents and chemical fixing and anchoring.

STORAGE AND HANDLING

Care should be taken not to expose radical curable products to temperatures exceeding 40°C for prolonged periods or to direct sunlight. This might cause uncontrollable polymerization of the product with generation of heat. Storage and handling should be in stainless steel, amber glass, amber polyethylene or baked phenolic lined containers. Do not store this material under an oxygen free atmosphere. Use dry air to displace material removed from the container. This material should not be stored for more than 2 years.

PRECAUTION

The following is a summary of the precautions to be taken when handling this product. Please refer to the Safety Data Sheet for further details. The toxicological properties of this material have not been fully determined. Products of this type can be expected to be eye and skin irritant and have the potential to cause sensitization or other allergic responses. Appropriate precautions should be taken to avoid eye and skin contact and to avoid inhalation of the aerosols or vapors. Consult the relevant Safety Data Sheet for appropriate handling procedures and protective equipment prior to using this or any other material referred to in this bulletin. See Safety Data Sheet for emergency and first aid procedures.

STATUTORY LABELING

For Statutory Labeling information, please refer to Safety Data Sheet.