Heynova (Shanghai) New Material Technology CO., Ltd
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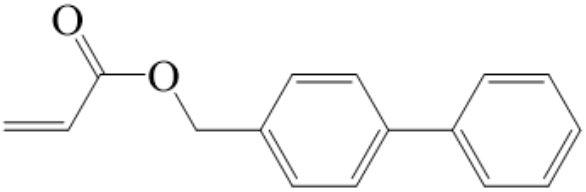
CERTIFICATE OF ANALYSIS

Product Features



CAS No.	54140-58-8
Product name	4-Biphenylylmethyl acrylate
Abbreviation	BPMA
Appearance	Colorless transparent liquid
Purity(HPLC)	≥99%
Molecular formula	$C_{16}H_{14}O_2$
Molecular weight	238.28
Package	In fluoride bottle/fluoride drums/plastic drums/lBC Tank, etc.
Storage	Preserve in a well-closed container and keep in refrigerated environment.

4-Biphenylylmethyl acrylate, also known as electronic special glue, is a special glue used in the manufacture and repair of electronic products. It has good conductive properties that can form conductive pathways on electronic components to ensure normal current transmission. The glue also has good insulating properties, can prevent the current in a specific area of conduction, to protect electronic components from external interference and electrical short circuit. Specialized electronic adhesive is usually able to maintain stable performance under high temperature conditions, not easy to melt or deformation, suitable for electronic devices in high temperature environment. It has good resistance to some common solvents and chemicals, and has less influence on factors such as oxygen, moisture and acids and alkalis in the environment.

Application

- Soldering support: when soldering electronic components on the circuit board, you can use electronic special adhesive to fix the position of the components to prevent the components from loosening or disconnecting.
- Encapsulation protection: For some electronic devices, electronic special adhesives are coated or potted to protect them from the external environment, such as liquid, dust and mold.
- Adhesive connection: Electronic special adhesive can also be used for adhesive connection between electronic components, such as electronic components and circuit board bonding, connection between wires and so on.

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Company Profile

- Heynova (Shanghai) New Material Technology co., Ltd. located in Shanghai is a technologically innovative company with integrated development of R&D, production and sales of high-end Electronic Materials and Specialty Polymer Materials. Meanwhile we are the agent of PI Resin, PI Engineering Plastics and 3D Printing materials.
- **As technology R&D**, the company has maintained close cooperation with a number of domestic research institutes for a long time, focusing on the design of the molecular structure of electronic materials, with a number of invention patents, the core formulations and processes independently controllable, with the ability to customize the development of the materials.
- **As production and supply**, our company has cooperative production bases in Shandong, Jiangsu, Sichuan and Northeast China, which can produce materials from gram to tonnage level, and has all the capabilities of small, medium and large-scale production.

Business Classification

- **Polyimide Materials:** Including PI Monomers, PI Resin, PI Engineering Plastics. PI monomers are mainly Dianhydride and Diamine special monomers, which have been widely used in the production of colorless and transparent Flexible Polyimide Films, Flexible Display Materials, 5G New Materials, Photosensitive Polyimide and Semiconductor Materials, New Energy Automobile Special Insulating Materials, Aerospace Composites, and many other high-tech field products.
- **Photoresist Materials:** Including Photoresist monomer, PAG, PAC, Photoinitiators, Solvents and so on. At present, our company's Photoresist Monomer is mainly based on KrF, ArF Gel monomer, focusing on the provision of Display Photoresist, Semiconductor Photoresist and special Photoresist materials for Semiconductors, Panels, PCB and other fields.
- **OLED Display Materials:** Specialized in providing OLED Display Intermediate materials for cell phones, TVs, flat panels, wearable devices, in-vehicle devices and other fields.
- **Lithium Battery Materials:** Specialized in providing Lithium Battery Diaphragm materials for transportation, electric power storage, mobile communication, new energy storage, aerospace military and other fields.
- **3D Printing Materials:** Specialized in providing 3D Printing Organic Resin materials and high-end Metal materials for aerospace, marine, nuclear industry, medical and other fields.
- **Customized services:** We can customize the development of products according to customer needs, and continuously optimize the material properties and key indicators, developed in collaboration with customers, established the direct channel of “R & D - Validation - Mass production”.