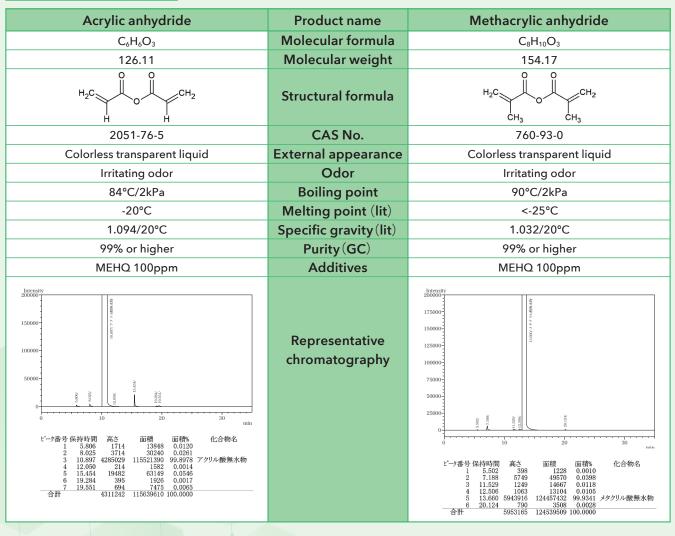
Acrylic anhydride Methacrylic anhydride

Features

1 High quality at 99% purity or more.

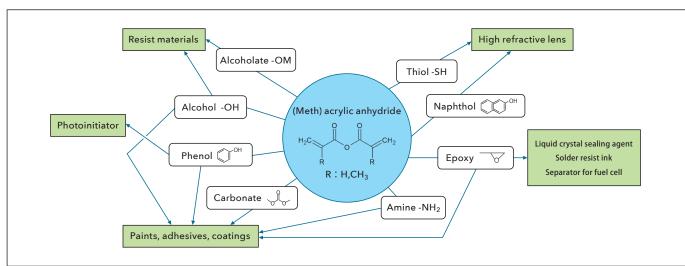
- **2 99.9% purity or more is also available.**
- **3 Residual chlorine less than 0.005%**
- **④** Free acid less than 0.1%
- **(5)** High stability (Refrigerated storage: 6 months)
- **6** Polymerization inhibitors can be customized.

Physical properties



CHEMICAL SOFT Co., Ltd.

As various reaction reagents



• (Meth) acrylic anhydride reacts with functional group compounds to form derivatives and is used for various applications.

Liquid crystal materials (liquid crystal sealants, UV curable resins)

• Polyfunctional esters synthesized by reaction with epoxy resin are used as liquid crystal sealants, UV curable resins, etc.

Photoresist

• Alicyclic esters synthesized by reaction with alcohols, etc. are used for photoresist applications.

Paints, resins, adhesives, etc.

Amides and esters obtained by reaction with an amino group or hydroxyl group are used in paints, resins, adhesives, etc.

Optical Lenses

Esters obtained by reaction with fluorene derivatives and aromatic compounds such as naphthol, are used as a high refractive lens monomers.

Photoinitiator

• Compounds obtained by reaction with photosensitive phenol derivatives are used as photoinitiators for UV paints and coatings.

Medical and agrochemicals

- Amide derivatives obtained by reaction with benzylamine are used as intermediates for antiepileptic drugs.
- Esters obtained by reaction with lactone compounds, which have a hydroxyl group, are used in the medical and agrochemical fields.

Dental materials

• Esters obtained by reaction with a benzoate alcohol derivatives are used as a dental adhesive monomers.

Fuel cells

• Multifunctional esters synthesized by reaction with epoxy resin are used as separators for fuel cells.

Water-based sizing agent

Amide derivatives obtained by reaction with acrylamide-functionalized alkoxysilane are used as water-based sizing agents

Polymeric gas hydrate formation inhibitor

• Esters obtained by reaction with N-alkylamine are used as building blocks for polymeric gas hydrate inhibitors

Concrete superplasticizer

Esters obtained by reaction with polyalkylene glycol compounds with a hydroxyl group are used as concrete superplasticizers.

