

PowerCure™ PAG122 Photoinitiator

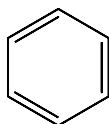
Introduction PowerCure™ PAG122 is an iodonium hexafluorophosphate-based cationic photoinitiator blended in propylene carbonate.

Chemical Name 4-Isobutylphenyl-4'-methylphenyliodoniumhexafluorophosphate

CAS Number 344562-80-7, 108-32-7

EINECS Number 435-690-6, 203-572-1

Chemical Structure



Chemical Formula $C_{17}H_{20}I.PF_6$

Molecular Weight 496.2

Physical Properties

Appearance	Yellow to Brown Liquid
Purity (%)	Min.70

Benefits & Applications

PowerCure™ PAG122 has high activity, fast curing speed, good surface drying, no yellowing, no migration, no odor and other features. It has better absorption at 365nm and 385nm when used with synergists.

PowerCure™ PAG122 is used for the ring-opening polymerization of oxetane, glycidyl and cycloaliphatic epoxy resins. It ensures low cured color even after post-baking at higher temperatures, is free of heavy metals, and

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contains no unsubstituted aromatic rings. Unique features include deep color cure, thick cure and suitability for highly pigmented systems.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerCure™ PAG122 is supplied in 25Kg or 200Kg Drum.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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We disclaim liability for any incidental or consequential damages.