

PowerCure™ PAG130 Photoinitiator

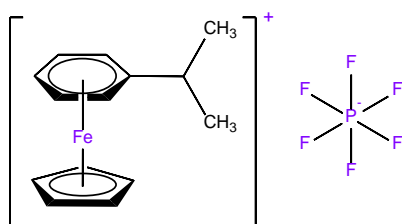
Introduction PowerCure™ PAG130 belongs to the class of cationic organometallic photoinitiators. It provides excellent light absorption and high resolution for epoxy curing.

Chemical Name Cyclopentadienyliron(ii) hexa-fluorophosphate

CAS Number 32760-80-8

EINECS Number 402-340-9

Chemical Structure



Chemical Formula C₁₄H₇F₆FeP

Molecular Weight 376.02

Physical Properties

Appearance	Yellow Powder
Purity (%)	Min.97
Melting Point (°C)	80-84
Boiling Point (°C)	Min.250
Specific Gravity	1.60
Volatile Loss (%)	Max.0.5

Solubility

Solubility [20°C]	% w/w
Water	0.4
Dichloromethane	40
Toluene	20
TMPTA	>10
TPDGA	>10
Bisphenol epoxy acrylate	>10

PowerCure™ PAG130 Photoinitiator

Benefits & Applications

Wide range of UV absorption;
Good thermal stability;
High solubility;
Low volatility, mild smell and environment friendly.

PowerCure™ PAG130 is suitable for the curing with LED, UV-light, X-ray, laser.

PowerCure™ PAG130 can be used as a photoinitiator in coating, ink, photoresist, etch resist PCB, solder masks as well as laser direct imaging. PowerCure™ PAG130 is also suitable for water-soluble photopolymers.

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™ PAG130 is supplied in 20Kg Fiber 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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