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Handcrafted Solutions For A High-Tech World

LEDCUR 5022

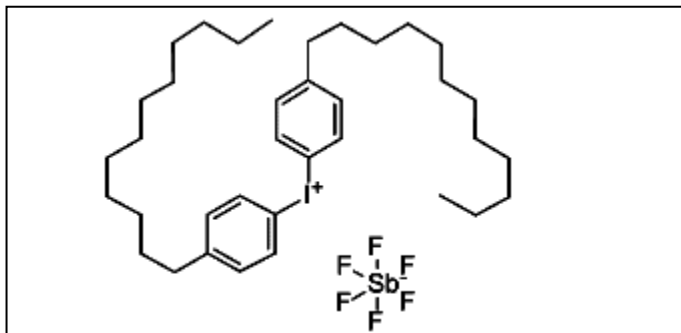
FP 5022

General

LEDCUR 5022 is a highly efficient UV curing agent used to initiate the photopolymerization of prepolymers in combination with mono or multifunctional monomers.

LEDCUR 5022 unique liquid formulation provides excellent solubility, cure speed and ease of use, making it ideal for both broad spectra and LED applications.

Chemical structure



Product information

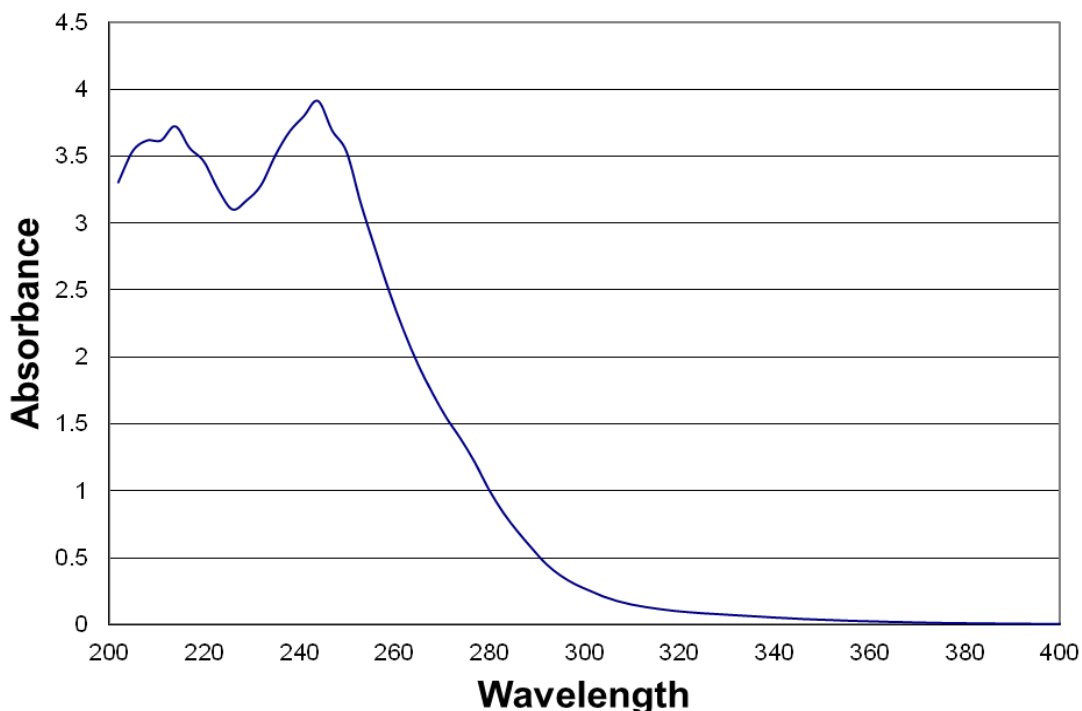
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|---------------------|--|
| PRODUCT TYPE: | Photo Acid Generator |
| PRODUCT NAME | LEDCUR 5022 |
| CHEMICAL NAME | Bis(4-dodecylphenyl)iodonium hexafluoroantimonate |
| CAS NUMBER | 71786-70-4 |
| KEY FEATURES: | High speed photo acid generator. Outstanding solubility and high temperature stability. |
| PACKAGING: | 20 kg pail, 200 kg drum |
| REGISTRATIONS: | TSCA (USA-CBI) |
| SHELF LIFE/STORAGE: | 1 year when stored indoors at 25 (+/- 5) deg C |

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Typical specifications

| | |
|-------------|------------------|
| APPEARANCE: | Tan/brown liquid |
| ACTIVITY | 100 % by weight |

Absorption Spectrum



Suggested starting formulation

LEDCUR 5022 should be added between 1-3% for use with broad spectra mercury lamps. For LED applications, equal amounts of sensitizer (i.e. ITX or 9,10 DEA) should be used to help facilitate surface cure.

Safety and Handling

LEDCUR 5022 should be handled in accordance with good industrial practice. Detailed information is provided in the SDS.

LEDCUR 5022 is sensitive to visible light and any exposure to sunlight should be avoided.

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