



Hampford Research INC

Handcrafted Solutions For A High-Tech World

o-CL HABI

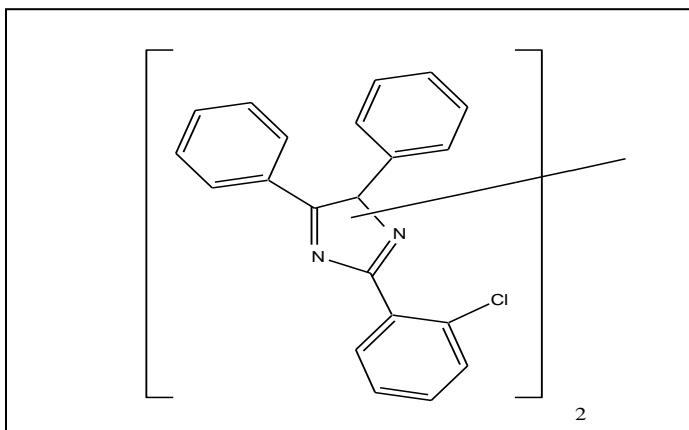
FP 5380

General

o-CL HABI is a low cost, highly efficient UV curing agent used to initiate the photopolymerization of prepolymers in combination with mono or multifunctional acrylate monomers.

o-CL HABI is widely used for direct write laser imaging as well as a standard photoinitiator when coupled with a strong electron donor such as NPG. Because of its relative high molecular weight o-CL HABI is practically non-migratable in cured UV coatings.

Chemical structure



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Product information

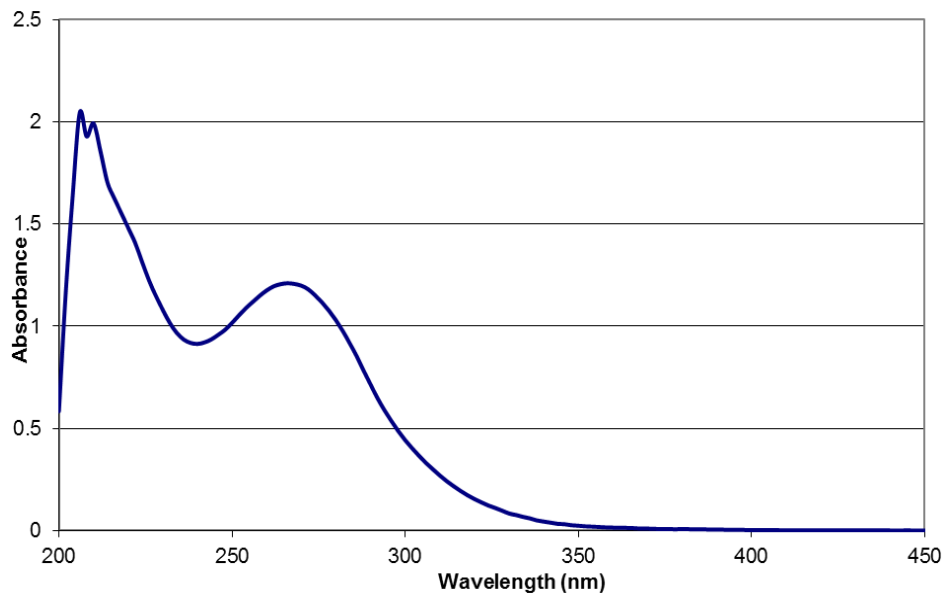
PRODUCT TYPE:	Free radical photoinitiator
TRADE NAMES:	o-CI-HABI, BCIM, BCTB
CAS NUMBER:	7189-82-4
APPLICATIONS:	Photoresists, Graphic Arts Imaging
KEY FEATURES:	Free radical generation that can either initiate polymerization or oxidize leuco dyes.
REGISTRATIONS:	TSCA, DSL, EINECS, MITI
SHELF LIFE:	1 year when stored indoors at 25 (+/- 5) deg C

Typical specifications

APPEARANCE:	Free flowing, yellow powder
PURITY:	99% Minimum
% MONOMER:	1% Maximum
MELTING POINT:	200 deg C
% VOLATILES	0.20% Maximum

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Absorption Spectrum



Safety and Handling

o-CL HABI should be handled in accordance with good industrial practice. Detailed information is provided in the SDS.

o-CL HABI is sensitive to visible light and any exposure to sunlight should be avoided.

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NOTE: Intellectual property issues cover the use of this material in select applications.
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