



Hampford Research INC

Handcrafted Solutions For A High-Tech World

2-Mercaptobenzoxazole

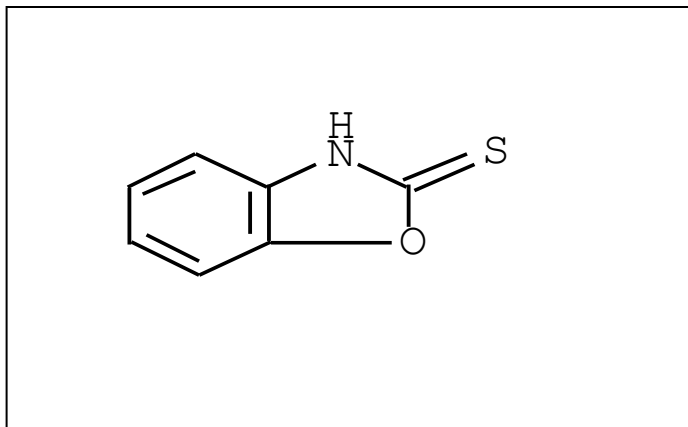
FP 5260

General

2-MBO is a low odor, sulfur based cointiator designed for use with free radical based systems.. This unique product acts as an efficient electron donor ,that when paired with HABI's, produce an active thiyl radical that will initiate the polymerization of acrylate formulations.

Because of its low color formation and depth of cure properties, 2-MBO is ideal for most clear coating applications.

Chemical structure



Product information

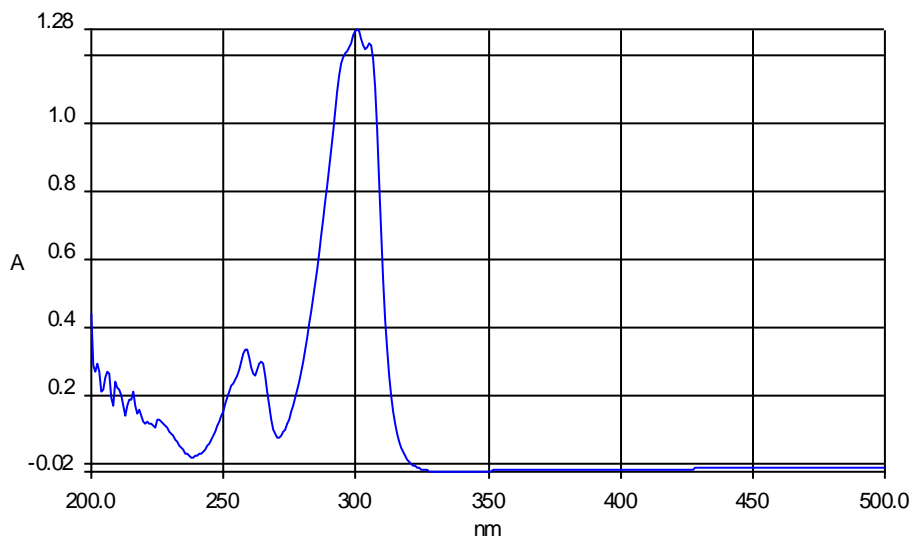
CHEMICAL NAME:	2(3H)-Benzoxazolethione
TRADE NAMES:	2-Mercaptobenzoxazole, 2-MBO
MOLECULAR FORMULA:	C ₇ H ₅ NOS
CAS NO.	2382-96-9
HRI CODE:	FP5260
REGISTRATIONS:	AICS, DSL, EINECS, ENCS, PICCS, TSCA
SHELF LIFE:	1 year when stored indoors at 25 (+/- 5) deg C

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Typical properties

APPEARANCE:	Off White to Tan Crystalline Powder
IR:	To match standard
PURITY:	98.0% (HPLC)
MELTING POINT:	188.0-194.0 degrees C (DSC)

Absorption Spectrum



Safety and Handling

2-MBO should be handled in accordance with good industrial practice. Detailed information is provided in the SDS.

2-MBO is sensitive to visible light and any exposure to sunlight should be avoided.

NOTE: Intellectual property issues cover the use of this material in select applications. For additional information visit our website www.hampfordresearch.com.

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