

PowerCure™ ITX Photoinitiator

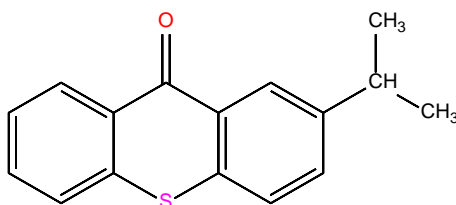
Introduction PowerCure™ ITX is a yellow crystalline powder compatible with unsaturated polyesters, acrylate monomers and oligomers used in UV-curable systems.

Chemical Name 2-sopropylthioxanthone

CAS Number 5495-84-1

EINECS Number 226-827-9

Chemical Structure



Chemical Formula C₁₆H₁₄OS

Molecular Weight 254.35

Physical Properties

Appearance	Yellow crystalline powder
Melting point (°C)	70-76
Volatiles (%)	Max.0.5
Purity (%)	Min.99

Solubility

Solubility [20°C]	% w/w
Propylene glycol diacrylate	16
Methyl methacrylate	43
Trimethylopropane triacrylate	15
1,6-Hexanediol diacrylate	25
Aromatic urethane diacrylate	24

Benefits & Applications

PowerCure™ ITX is an effective photoinitiator for clear or pigmented UV-curable inks, adhesives, coatings and photoresists.

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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™ ITX is supplied in a 20Kg Carton.

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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