

NOROX[®]750

Acetyl Acetone Peroxide/Cumyl Hydroperoxide

CAS#37187-22-7 and 80-15-9

Liquid mixture

Description

NOROX[®]750 is a liquid organic peroxide cure initiator formulated specifically for use with RTM and tooling resins. The main feature of NOROX[®]750 is the uniformity of cure in both thick and thin cross sections without excessive exotherm resulting in excellent dimensional stability.

Technical Data

Active oxygen	5.6 max
Form:	Liquid
Specific Gravity @ 25°C:	1.15
Flash point (C.O.C.):	200°F/93°C, min
Flash point (SETA C.C.)	150°F/66°C, min.
SADT:	149°F (60°C)
Soluble in:	Oxygenated organic solvents
Slightly soluble in:	Water

Application

NOROX[®]750 is an excellent liquid cure initiator for the room temperature cure of unsaturated polyester resins used for tooling and RTM applications.

NOROX[®]750 features improved green strength development without excessive exotherm buildup. The slightly extended gel time (compared to standard MEKP formulations) allows good working time. Once gelation occurs, the faster than normal green strength development allows either a normal de-mold time, or continued laminate build-up.

In RTM processes, NOROX[®]750 offers a delayed gel time to ensure good fill-out of the cavity and wet-out of the reinforcement. After gelation, the faster green strength development without excessive exotherm helps with de-mold time and can prevent heat damage to the tool.

Excellent final cure and dimensional stability have been observed in tooling and RTM applications using NOROX[®]750 cure initiator.

PACKAGING, SHIPPING & AVAILABILITY

- The standard package sizes of NOROX[®]750 are 4x8 lb and 44 lb (20 kg) polyethylene bottles.
- Classification – Please refer to the specific NOROX[®]750 Safety Data Sheet (SDS) under section 14 & 15, shipping & regulatory information. **NOTE:** SDS's for all United Initiators, Inc. products may be requested by contacting the company.
- NOROX[®]750 is available through a global network. Call United Initiators, Inc. for the name of the distributor in your area

Disclaimer

This information and all further technical advice are reflecting our present knowledge and experience based on internal tests with local raw materials with the purpose to inform about our products and applications. The information should not be construed as guaranteeing specific properties of products described or their suitability for a particular application, nor as providing complete instructions for use. The information implies no guarantee for product and shelf life properties, nor any liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. We reserve the right to make any changes according to technological progress or further developments.

Application and usage of our products based on our technical advice is out of our control and sole responsibility of the user. The user is not released from the obligation to conduct careful inspection and testing of incoming goods in order to verify the suitability for the intended application.

United Initiators

EU

T: +49 89 74422 237

F: +49 89 74422 6237

cs-initiators.eu@united-in.com

United Initiators

Nafta

T: +1 800 231 2702

F: +1 440 323 0898

cs-initiators.nafta@united-in.com

United Initiators

China

T: +86 20 6131 1370

F: +86 139 2503 8952

cs-initiators.cn@united-in.com

United Initiators

Australia

T: +61 2 9316 0046

F: +61 2 9316 0034

cs-initiators.au@united-in.com

www.united-initiators.com