

NOROX® 605

Dimyristyl Peroxydicarbonate
CAS#53220-22-7
Solid

Description

Norox® 605 is the designation for technically pure dimyristylperoxydicarbonate in flake form. This long-chained aliphatic organic peroxide is used as a free radical source for the cure initiation of unsaturated polyester and vinyl ester resins and reactive monomer diluents, e.g. styrene..

Technical Data

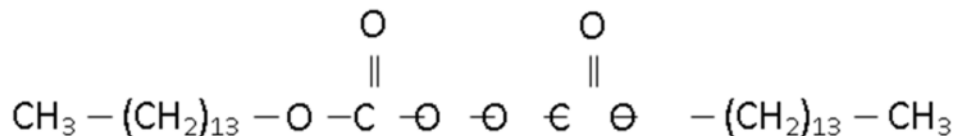
Peroxide Content:	97
Active oxygen	3
Form:	Greasy Flakes
Color:	White
Melting Point:	113°F (45°C)
Half-Life Data:	1min @194°F (90°C) 1 hr @ 135°F (57°C) 10 hrs @ 106°F (41°C)
SADT:	95°F (35°C)
Storage temp:	<68°F(20°C)
Max Transport Temp:	<68°F(20°C)

Application

Norox® 605 is an excellent “kick off”, or low range initiator when used in a multi-component initiator system for polyester and vinyl ester resin curing. Norox® 605 can be used at levels from 0.50 to 1.30 parts per 100 parts of resin, depending on initial gel requirements for the specific resin and operating temperature and is particularly useful in CIPP applications.

The flake form of the product provides nearly dust free handling, but Norox® 605 should first be dispersed in styrene monomer before addition to the resin. It is highly recommended that Norox® 605 be dispersed by using equipment specifically designed for that purpose, to ensure proper, thorough mixing.

Chemical Structure:



Molecular Weight – 514.7

CAS No. 53220-22-7

PACKAGING, SHIPPING & AVAILABILITY

- The standard package sizes of NOROX® 605 are 4x8 lb and 44 lb (20 kg) polyethylene bottles.
- Classification – Please refer to the specific NOROX® 605 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® 605 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.

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