

Accelerator 383SN

Cobalt(II) 2-ethylhexanoate in solvent mixture

Accelerator™ 383SN is a solution of 4% metal complexes for curing unsaturated polyester resins in combination with organic peroxide at room and elevated temperatures.

CAS number
136-52-7

EINECS/ELINCS No.
205-250-6

TSCA status
listed on inventory

Specifications

Appearance	Clear red-purple liquid
Cobalt	3.7-4.1 %

Characteristics

Boiling point	230 °C
Density, 20 °C	1.095 g/cm ³

Applications

Accelerator™ 383SN is a solution of metal complexes, partly based on a cobalt salt in an organic solvent, developed for the curing of unsaturated polyester resins in combination with organic peroxide at room and elevated temperatures. Accelerator™ 383SN gives in comparison with the commonly used cobalt Accelerator™ NL-51P (= 6% cobalt) a much faster cure at a comparable gel time. Accelerator™ 383SN is therefore very suitable for those processes where a faster demolding time of the end product is required but a shorter gel time or production time of the molding cannot be accepted. Application areas are for instance: standard hand lay-up and spray-up applications, resin transfer molding, the production of polymer concrete. Accelerator™ 383SN can successfully be used for the production of cobalt pre-accelerated unsaturated polyester resins. The use of Accelerator™ 383SN will strongly reduce the gel time drift as observed with standard cobalt carboxylates.

Storage

Accelerator™ 383SN is stable at ambient temperatures.

Note	When stored under these recommended storage conditions, Accelerator™ 383SN will remain within the Nouryon specifications for a period of at least 6 months after delivery.
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Packaging and transport

The standard packaging is a 30-liter HDPE can (Nourytainer®) for 25 kg content. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your Nouryon representative. Accelerator™ 383SN is classified as UN3082, Environmentally Hazardous Substance, liquid, n.o.s.

Safety and handling

Keep containers tightly closed. Store and handle Accelerator™ 383SN in a dry well-ventilated area at ambient temperatures. Do not mix with organic peroxides. Please refer to the Safety Data Sheet (SDS) for further information on the safe storage, use and handling of Accelerator™ 383S. This information should be thoroughly reviewed prior to acceptance of this product. The SDS is available at nouryon.com/sds-search.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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The Nouryon logo consists of a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif blue font.