

Accelerator 553S

Cobalt(II) 2-ethylhexanoate in solvent mixture

Solution of 1.9% metal complexes for curing unsaturated polyester resins in combination with organic peroxide at room and elevated temperatures. Typically recommended for pre-acceleration of vinylester resins to avoid foaming during cure when using standard MEKP.

CAS number
136-52-7

EINECS/ELINCS No.
205-250-6

TSCA status
listed on inventory

Specifications

Appearance	Clear black/blue liquid
Cobalt	1.8-2.0 %

Characteristics

Density, 20 °C	1.154 g/cm ³
Viscosity, 20 °C	520-580 mPa.s

Applications

Accelerator 553S is a solution of metal complexes, partly based on a cobalt salt in an organic solvent. Accelerator 553S gives in comparison with the commonly used cobalt accelerator a much faster cure with comparable gel time.

Storage

Accelerator 553S is stable at ambient temperatures.

Note

When stored under these recommended storage conditions, Accelerator 553S will remain within the Nouryon specifications for a period of at least 6 months after delivery.

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 553S is not classified as a dangerous good according to national and international transport regulations.

Safety and handling

Keep containers tightly closed. Store and handle Accelerator 553S 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 553S. This information should be thoroughly reviewed prior to acceptance of this product. The SDS is available at <https://polymerchemistry.nouryon.com>.

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 orange 'N' followed by the word 'ouryon' in a lowercase, sans-serif font, all in orange.