

# Accelerator 55028

Cobalt(II) 2-ethylhexanoate and barium carboxylate

Cobalt accelerator in aliphatic solvent mixture for curing UP resins at ambient temperatures.

Recommended when using Aluminum Trihydrate (ATH) fillers.

**CAS number**

136-52-7, 2457-01-4

**EINECS/ELINCS No.**

205-250-6; 219-535-8

**TSCA status**

listed on inventory

## Specifications

Appearance

Clear blue liquid

Cobalt

2.2-2.3 %

## Characteristics

Density, 20 °C

0.940-0.960 g/cm<sup>3</sup>

## Applications

The curing of unsaturated polyester resins at ambient temperatures can in general not be performed by an organic peroxide alone. The radical formation, which is necessary to start the polymerization reaction, is at ambient temperatures with most generally applied organic peroxides too slow. To speed up the radical formation in a controllable way organic peroxides must therefore be used in combination with a so-called accelerator. For ketone peroxides like methyl ethyl ketone peroxides, cyclohexanone peroxides and acetylacetone peroxide a cobalt accelerator must be used.

## Storage

Accelerator 55028 is stable at ambient temperatures.

### Note

When stored under these recommended storage conditions, Accelerator 55028 will remain within the Nouryon specifications for a period of at least 6 months after delivery.

## Packaging and transport

The standard packaging is a 25 kg and 200 kg drum. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your Nouryon representative. Accelerator 55028 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 55028 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 55028. This information should be thoroughly reviewed prior to acceptance of this product. The SDS is available at <https://polymerchemistry.nouryon.com>.

## Major decomposition products

In a fire, cobalt oxides and carbon monoxide may be formed.

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