

Spray-up



Reason for our products

- High quality
- Good aftersales and technical service
- Intensive safety research
- Worldwide distribution
- Customized application research: special formulated products for an optimal performance in this application

Introduction

AkzoNobel is the world's leading producer of organic peroxides for the curing of thermoset resins and coatings. We're home to the best known brands in the thermoset market, examples include Butanox[®], Perkadox[®] and Trigonox[®]. We also have a whole range of auxiliary products, such as accelerators and promoters, to meet your specific production requirements.

This application guide introduces you to our thermoset product portfolio and helps you find a suitable curing system for your specific application. If you need more detailed information please contact us.

Application

Spray up.

AkzoNobel curing agents

Main peroxides: Butanox M-50, Butanox M-60, Trigonox 44B and Trigonox 61

Special peroxides: Butanox LA-IN, and Cyclonox[®] LE-50

Main products

Wide variety of different products

Process equipment

Spray up machines

Reactivity figures

Trigonox 61

Cure of 1 mm pure resin layer at 20°C

The speed of cure is expressed as the time to reach a Persoz hardness of respectively 30, 60 and 120 s.

	Persoz:	30	60	120	s
2 phr Trigonox 61 + 0.5 phr Accelerator NL-49P	2.2	3.5	9		h
2 phr Butanox M-50+ 0.5 phr Accelerator NL-49P	2.4	4.1	13		h
2 phr Trigonox 61 + 1.0 phr Accelerator NL-49P	1.0	2.0	6.5		h
2 phr Butanox M-50+ 1.0 phr Accelerator NL-49P	1.7	3.0	9.5		h

Cyclonox LE-50

Cure of 1 mm pure resin layer at 20°C

The speed of cure is expressed as the time to reach a Persoz hardness of respectively 30, 60 and 120 s.

	Persoz:	30	60	120	s
2 phr Cyclonox LE-50 + 0.5 phr Accelerator NL-49P	2.5	5.5	22		h
2 phr Butanox M-50 + 0.5 phr Accelerator NL-49P	2.4	4.1	13		h
2 phr Cyclonox LE-50 + 1.0 phr Accelerator NL-49P	1.6	4.0	18		h
2 phr Butanox M-50 + 1.0 phr Accelerator NL-49P	1.7	3.0	9.5		h

For more information

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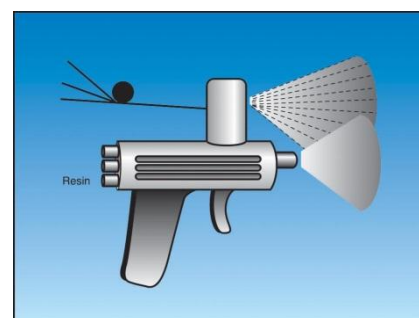
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ROW TS 01.290.05/January 2018

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