

Marking the road ahead with Perkadox® GB-50X



Sustainability is at the heart of everything we do. We offer new opportunities that benefit our customers and the world around us.

We are excited to showcase our phthalate-free benzoyl peroxide formulation Perkadox® GB-50X, providing a sustainable alternative to traditional BPO based initiators which are based on dicyclohexylphthalate (DCHP) which is classified as a CMR Reprotox 1B.

Your partner
in essential solutions
for a sustainable future

Nouryon



Perkadox® GB-50X, a phthalate-free, free-flowing powder formulation used to cure UP, VE, and acrylic resins at room temperature in combination with an aromatic tertiary amine. It can also be activated by temperature, for example as a kicker peroxide in a pultrusion line.

Benefits of Perkadox® GB-50X:

- Features a unique, intrinsically safe formulation
- Offers fine dispersion for fast and easy solubility
- Is phthalate-free
- Delivers a highly robust and reliable cure system
- Cures effectively even at low temperatures
- Performs well under moist conditions
- Provides long pot life stability in pre-catalyzed resins
- Ensures fast gel time and rapid cure

Specifications

Appearance	white powder
Assay	50.0%

Characteristics

Density	1.34 g/cm ³
Bulk density	640 kg/m ³

For more information, check [nouryon.com](https://www.nouryon.com)

Applications

Perkadox® GB-50X is therefore the number one choice for curing cold-plast acrylic road marking and flooring resins.

Perkadox® GB-50X delivers robust performance, making it particularly suitable for road marking and flooring. In addition, its fine formulation and free-flowing characteristics make it highly suitable for use in mine bolts and chemical anchor systems. It can additionally be used as a kicker peroxide in pultrusion processes and for curing resins used in the manufacture of storage tanks for perchlorate.



Perkadex®

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