

PERGADRY 10

Others / Curing

Description

Paraffin

10%, Solution in styrene and xylene

PERGADRY 10 is used as an additive to avoid sticky surfaces of parts made from unsaturated polyester resins, cured in contact with ambient air.

CAS No.:

8002-74-2

Technical data

Appearance:

clear, colourless liquid

Active substance assay:

10%

Density at 20°C:

0.89 g/cm³

Solubility

Insoluble in water, soluble in aromatic solvents

Storage

Maximum storage temperature (Ts max):

15°C

Minimum storage temperature (Ts min):

10°C

Storage stability as from date of delivery:

3 months

Keep packaging tightly closed in a well ventilated place at indicated storage temperature.

Hazardous reactions

Direct contact with organic peroxides should be avoided because of risk of self-accelerating decomposition of the organic peroxide.

Safety characteristics

Flash point:

27°C

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Application

PERGADRY 10 is utilized for curing of unsaturated polyester and Acrylic resins, but also for Silcion resins, if the outer surfaces of the parts to be cured are in contact with ambient air, e. g. for hand lay up, spray and filament winding applications. Here the Oxygene of the ambient air may inhibit the peroxidic radicals, resulting in sticky surfaces of the cured parts.

Often PERGADRY 10 is utilized to minimize Styrene evaporation from thin resin layers, in order to achieve a sufficient cure of these layers without sticky surfaces.

PERGADRY 10 should be protected against UV light and stored at temperatures above 10° C, in order to avoid UV light initiated polymerization of the Styrene. At storage temperatures below 10° C the solubility of the Paraffin in Styrene drops down and the Paraffin may separate.

Depending on application area and working conditions, the following dosage levels are recommended:

PERGADRY 10: 1 to 5 phr

Packaging

25kg container
185kg steel drum

Major decomposition products

Unknown

Safety and handling

Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PERGADRY 10. This information should be thoroughly reviewed prior to acceptance of this product. The MSDS is available for downloading at www.pergan.com or through contacting Pergan directly.

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