

Technical Datasheet

TYPE

Paraffinsolution in organic solvents

CONCENTRATION

3% Paraffinsolution

SPECIAL PROPERTIES

clear liquid, easy to mix with resins

USE

additive for unsaturated polyester resins to remove the tackiness of surface layers which are exposed to air

PRODUCT DATA**Determined per batch:****Non-Volatile Matter VLN 024**non-volatile matter [%] 2,9 - 3,1
(20 min; 120 °C; 5 g)**Not continually determined:****Density (Liquids) DIN EN ISO 2811-2**density [g/cm³] 0,90
approx.
(20 °C)**Flash Point DIN EN ISO 1523**flash point [°C] 5
approx.

Not continually determined data do not constitute a quality description, but correspond to single values, determined on a random sample. Deviations caused by production are possible.

MISCIBILITYUnlimited mixability with:
alcohols, ketones, aliphatic, aromatic and chlorine hydrocarbonsLimited mixability with:
esters and ethersnon-mixability with:
water

DOSING

The Paraffin solution may be added up to 1%. A higher amount is not recommended, because of possibly reduced laminate adhesion.

UTILIZATION

The paraffin solution is used as an additive for unsaturated polyester resins to remove the tackiness of surface layers which are exposed to the air. Furthermore caused the addition of paraffin solution a reduced styrene emission during processing of unsaturated polyester resins.

ADVICE FOR USE

The product has to be homogenized well in the resin.

ADVICE FOR LAMINATION WORKS

When a laminate is built up in several stages with intermediate curing, the following must be considered:

1. The primary laminate must be finished with a normal ratio UP-resin/glassfibre, so that the fibre pattern clearly shows up on the surface.
2. Any resin-rich areas and laminates built-up with too long time intervals must be grinded before overlamination.

STORAGE

The product should be stored under exclusion of direct sunlight in the original, undamaged and closed packaging in a dry and cool place. By storage up to 25 °C in darkness the storage stability of the original packed containers amounts to up to 3 months. Shelf live is reduced at higher storage temperatures.

If the product should become viscous due to too long or improper storage, it may no longer be used.

At temperatures of below 0°C the paraffin can flocculate (turbidity of the paraffin solution). By warming the solution carefully in a water bath at 30°C it can be dissolved again.

PRECAUTIONS

Please notice the information in the material safety data sheet (MSDS).

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