

NOPCOCIDE® N-40-D

Use

NOPCOCIDE N-40-D is a fungicide with a broad application spectrum in the prevention of mold formation on coating films.

Composition

Aqueous emulsion of Tetrachlorisophthalonitrile (NOPCOCIDE N-40-D)

Specification

Density at 20 °C (DIN 51757)	1.23 - 1.27 ml/g
Viscosity at 20 °C (Brookfield)	13,000 - 23,000 mPa·s
Active substance	39.4 - 41.4 %
pH value conc.	7 - 9
Ø Particle size (Coulter Counter/ Malvern Sizer)	2 - 4 µm

Additional data

Appearance	whitish-gray, viscous liquid
Corrosion	does not corrode metals
Freezing point	approx. -5 °C
Stability	- stable at normal storage temperatures - chemically stable under alkaline (below pH 9) or acidic conditions - stable in ultraviolet light

Application

NOPCOCIDE N-40-D is incorporated in dispersion paints based on polyacrylates or polyvinyl acetates and their copolymers, and in aqueous wood lacquers. Indoor use is not recommended. NOPCOCIDE N-40-D is compatible with dispersion paints that contain zinc oxide.

If an in can preservative is used together with NOPCOCIDE N-40-D their compatibility should first be checked. Studies in this context with the powder version NOPCOCIDE N-96 have shown that certain in can preservatives can exhibit discolouration during storage in the containers.

Dosage

NOPCOCIDE N-40-D can be added to the paint during pigment grinding, production mixing, or to the finished product.

To ensure that NOPCOCIDE N-40-D is uniformly distributed we recommend careful mixing before application.

In general 1.2 to 3.0% NOPCOCIDE N-40-D, calculated with respect to an exterior paint, effectively prevents mold formation in the finished coating product.

Miscellaneous

Tetrachloroisophthalonitrile can cause temporary allergic secondary reactions such as reddening of the eyes, mild bronchial irritation, and reddening or a rash on the skin affected. People who exhibit an allergic reaction should consult a doctor.

Take care that the product does not come into contact with eyes, skin or clothing. Wear protective goggles, a face mask and protective gloves. Do not inhale dust suspended as a mist in the air, as this is harmful to health. Further information is given in the Safety Data Sheet.

Revision-No.

1-05.2003 Effective May 14, 2003

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

Suggestions of processing and using our products are given with best knowledge and information but without obligation. COGNIS does not accept any guarantee to the suitability of a product for the user's specific purpose. Furtheron the user himself assumes a liability to follow all legal regulations by using our products. The user can only pass on our sample to third parties with previous assent of COGNIS.

