

IFCA-048

Environmentally friendly dry film mould inhibitor



Technical Data Sheet

Name: IFCA-048

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Product Description

IFCA-048 is milled from a mixture of various mould inhibitors such as Chlorothalonil polymyxin. It has excellent anti-mould effect on a wide range of moulds, and also prevents viscosity changes caused by cellulose chain breakage during storage of coatings. Tetrachloroisophthalonitrile, the main ingredient of IFCA-048, is difficult to be dissolved in water, and maintains long term anti-mould and bactericidal effect even when the surface of the coatings is wetted with water.

Characteristic data*

Property	Value	Unit
Chemical ingredient	Tetrachloroisophthalonitrile	
Appearance	White viscous emulsion	
HCB content	≤40	ppm
Active component	≥40 (weight-to-volume ratio)	%
	≥30 (weight-to-weight ratio)	%
PH	5-8	
Proportion	1.3	
Water dispersibility	Easy dispersed in water	

*These properties are typical but do not constitute specifications.

Instruction

IFCA-048 additive amount is 0.1~0.5% (finished form), when applied in anti-mould coating, it is recommended that the additive amount is 0.5~1.0%. Be careful to avoid using in formulations with PH higher than 12.

It is added during grinding or paint mixing. It is recommended that the product be mixed with propylene glycol or film-forming additives and added before the thickener.

The minimum concentration (ppm) of IFCA-048 to prevent reproduction of common moulds is as follows:

Aspergillus flavus	500
Aspergillus	2
Chaetomium globsum	3
Penicillium funiculosum	3
Pullularia pulluans	250
Rhizopus stolonifera	50

Storage

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. This product should not be in contact with reducing metals (such as metal iron, aluminum, etc.) during storage, and should not be in contact with oxidizing or reducing substances. The validity of this product is for 24 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

Disclaimer

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