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Antiflash-Rust Additive
Metal paints

FUNCTION

Ready-to-use, liquid-form **antiflash-rust additive** for any waterborne coating.

Hydrophobic agent protecting the almost dry film under severe conditions of ambient humidity.

Corrosion inhibitor for metal packaging protection.

APPLICATION

Any type of waterborne paint or coating, neutral or alkaline, for **industrial, professional** or **do-it-yourself** use :

- Paints
- Thick-coatings
- Varnishes
- Stains
- Mastics
- Glues...

FEATURES

- **Ready-to-use** aqueous liquid
- **VOC-free**
- **Doesn't lead to water sensitivity** of the coating
- Usable in **labelled*** paints
- Usable for ferrous and non-ferrous metals (aluminium, copper, zinc, brass)
- Compatible with a **very wide range** of binders (acrylics, styrene-acrylic, epoxy, PU, alkyds, ...)

INCORPORATION / DOSAGE

Can be added at **any manufacturing step**.

Can be **post-added**.

In **2K systems**: should be added in the **resin** part in most cases (to be checked with preliminary testing).

Indicative use dosages (% of total coating weight) :

- **0,1 to 0,3%** on degreased substrates, not rusted, sand-blasted or not.
- **0,3 to 1,0%** on cast-iron or rusted substrates, on welds.
- **0,3 to 1,5%** for packaging protection.

Above dosages can be increased when the coating is applied in **severe conditions** of ambient humidity.

* : with a max dosage of 1% (Ecolabel 2014/312/EU & NF-130).

** : according to directive 2004-42-CE

*** : non contractual data

PROPERTIES

Chemical nature :

Aqueous preparation made of organic acid salts and azole derivatives. Contains less than 5% of sodium nitrite.

Appearance : pale yellow limpid liquid.

Density (20°C) : 1,14 ± 0,02

pH pure (20°C) : 7,8 ± 0,3

Viscosity (20°C) : < 30 cps

Freezing point : < 0°C

VOC** : 0%

Miscibility :

Water :	miscible
Ethanol :	miscible
Isopropanol :	non miscible
Ethylene glycol :	miscible
Butylglycol :	miscible
DPM :	miscible up to 2%
MEK :	non miscible

PACKAGING

Plastic pail of **30kg** net.

Metal drum of **200kg** net.

IBC of **1000 kg** net.

STORAGE

Ideal **temperature conditions**: 0 to 30°C.

Exposure : avoid direct exposure to sunlight.

Expiration : 2 years in its original closed drum, in storage conditions described above.

With time, the colour of the product may turn darker, but it doesn't modify its properties.

TRANSPORT

No specific condition for transport.

Weight and packaging size*** (off-pallet) :

Pail : 1,5kg - Ø30, H50

Drum : 15kg - Ø60, H90

IBC : 70kg - L120, l100, H120

HANDLING / SECURITY

Refer to updated Material and Safety Data Sheet.

Note : The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests ; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

