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Liquid Corrosion Inhibitor
Metal coatings

FUNCTION

ASCONIUM®-130 is a liquid additive used to enhance **anticorrosion** and **hydrophobic** properties of **waterborne and solventborne** metal coatings, and improve their **adhesion** onto metal substrates. It can be used alone or in combination with other anticorrosion agents.

APPLICATION

ASCONIUM®-130 can be used into **clear** and **pigmented** coatings, for industrial, professional and DIY uses, especially systems based on :

- **1K or 2K Epoxy**, waterborne/solventborne
- **2K PU**, solventborne
- **2K Acrylic**, solvenborne

FEATURES

- **Ready-to-use** liquid
- **No heavy metal**
- **Low** use-dosages
- **Does not reduce** paint gloss
- Improves coating's **blistering resistance**
- Improves **coating's adhesion** to the metal substrate
- Usable on **ferrous** and **non-ferrous** substrates
- Provides good **stability/homogeneity** to the coating

INCORPORATION / DOSAGE

Depending on the system, will be added during **dispersion step**, or will be **post-added**.

When it **replaces** anticorrosion pigments, the **reduced PVC** should be **balanced** with the fillers used in the paint formulation.

In **2K systems**: should be added to the **resin** part for PU coatings, to the **hardener** for epoxy coatings.

Indicative use dosages (% of total coating weight) :

- **1 to 2%** when used as **sole** anticorrosion agent.
- **0,7 to 1,5%** when used in **synergy** with other anticorrosion agents.

PROPERTIES

Chemical nature :

Preparation made of organic active materials in solution into methoxypropoxypropanol (DPM).

Appearance : colorless limpid liquid.

Density (20°C) : 0,98 ± 0,02

Viscosity (20°C) : < 20 cps

Freezing point : < -10°C

Flash Point : approx. 75°C

Miscibility :

Water :	part. miscible
Ethanol :	miscible
Isopropanol :	miscible
Ethylene glycol :	miscible
Butylglycol :	miscible
DPM :	miscible
MEK :	miscible
White-spirit:	miscible

PACKAGING

Plastic pail of **26kg** net.

Metal drum of **185kg** net.

STORAGE

Ideal **temperature conditions**: -5 to 30°C.

Exposure : avoid direct exposure to sunlight.

Important recommendation : tightly close the container after each use.

Expiration : 12 months in its original sealed drum, in the storage conditions described above.

TRANSPORT

The product **is not classified** for transport.

Weight and packaging size* (off-pallet) :

Pail : 1,5kg - Ø30, H50

Drum : 15kg - Ø60, H90

HANDLING / SECURITY

Refer to updated Material and Safety Data Sheet.

*: non contractual data

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.

