

Additive G50 N

Polyoxyalkenyl / phosphate formulation

Multi metal corrosion inhibitor

Product description & benefits:

Additive G50 N is a formulation of Additive G50 and phosphates, neutralized with TEA (Triethanolamine). This is offering two positive effects. First the phosphates offer decent synergistic corrosion protection. Second, because of the carefully formulated premix the actual blending is much easier and convenient.

Fields of applications:

- Water borne paints & coatings.
- Pigments / flakes of any kind like alumina, zinc or phosphates.
- Temporary corrosion protection (transport or storage).

Application & indications for use:

1) Water borne paints & coatings:

Additive G50 N can work as long term corrosion inhibitor and as flash rust inhibitor. It can be used as sole corrosion inhibitor and also in combination with other inhibitors, like anti corrosion pigments. Here the good synergistic effects of Additive G50 become apparent.

Blending is done best by adding directly into resin / binder.

2) Pigments & flakes:

Additive G50 N is just like Additive G50 very well suited to protect very small metal pigments from corrosion. The actual application can be done very flexible.

More detailed information can be provided separately and we are always there to consult you on your specific application case.

3) Temporary corrosion protection:

Because of it's synergistic performance Additive G50 N is offering good corrosion protection. Since the protective layer is extremely thin it has nearly no influence on further processes so it could remain on the surface. An extra cleaning might not be necessary.

4) High TAC's know how:

Ask us for your dedicated applications!

Under stirring you can add Additive G50 N directly into water / water borne systems. The pH value should be alkaline, at 7.5 or higher.

Additive G50 N has a solid content of 80 % and it contains no VOC.

Recommended dosages:

Paints & coatings:	2.0 % and more
Pigments & flakes	Depends on specific surface
Temp. protection:	1.5 % - 4.0 %

Properties & Specs:

Appearance:	brownish liquid
Odour:	special, mild
pH (1.0 %):	6.7 – 8.7
Spec. gravity:	1.03 – 1.05

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