

KEPERADH®-963 Adhesion Agent

KEPERADH® -963
Adhesion additive for metal baking paint

Product type

Phosphate co-polymers

Product usage

Suitable for solvent-based, water-based metal baking paint systems.

physical data

1. Effective ingredient: phosphate ester co-polymer
2. Appearance: colorless-light yellow transparent liquid
3. Content: 55 ± 2%
4. Specific gravity: about 1.06 (25°C)
5. Solvent: ethylene glycol monobutyl ether

Product features

1. It can improve the adhesion of the coating to the metal substrate, especially suitable for aluminum profiles, and also has a good effect on cold rolled steel and galvanized steel.
2. Can greatly improve the paint film water - boiling performance. At the same time, the corrosion resistance, flexibility and impact resistance of the coating are improved.
3. It can be used in aqueous systems (Used after neutralization with 10-20% dimethylethanolamine or similar amines).

Suggested dosage

According to the supply type,
For the total of formula, 0.2-2%, or 0.5-5% (for the non-volatile of resin)
The best dosage, drying temperature and drying time need to be obtained through testing

Add methods and precautions

1. In the solvent system, ensure that the system has a high enough polarity for KEPERADH® -963 to dissolve completely
2. it can be added at any stage of coating manufacturing and added slowly
3. In the aqueous system, it is necessary to neutralize with 5% dimethyl ethanol amine or similar amine, and adjust the PH value before adding
4. When dispersing, there should be a certain shear force to ensure that it is evenly dispersed in the coating system

Scope of application

Suitable for solvent-based, water-based metal baking paint systems.

Safety instructions

Refer to the MSDS

Packing specifications

- 1、 25 KG, 200 KG iron bucket
- 2、 Sample: 60ML glass bottle

KEPERADH[®]-963 Adhesion Agent**Transportation and storage**

- 1、Containers should be sealed during transport and storage, and no freezing and ambient temperature lower than 40°C.
- 2、The shelf life is 2 years, starting from the date of production.

The content of this information is based on our current knowledge and experiments. Since we cannot test the nature of this product, especially mixed products from other suppliers, therefore, we remind you that prior to formal use, you should test your performance to meet your requirements. We reserve the right to make technical improvements and changes to this product, and all the information contained in this information is not in the nature of any legal guarantee.