**Coadd™ DO-6311**

Wetting and Dispersing Agent

**DESCRIPTION**

**Coadd™ DO-6311** is a salt of a phosphoric acid ester with high molecular copolymer and pigment affinic groups. The product is suitable for solvent-borne and solvent-free coating systems, especially effective in stabilizing pigments in non-polar systems, such as acrylates, alkyds and epoxides.

**PHYSICAL PROPERTIES**

|  |  |
| --- | --- |
| Form | Yellow to brown liquid |
| Density (g/ml) | 1.07 |
| Active content (%) | 100 |
| Flash point (℃) | >100 |

Note：These properties are only typical, and do not represent product specifications

**APPLICATION CHARACTERISTIC AND ADVANTAGES**

**Coadd™ DO-6311** uses steric stabilization to deflocculates the pigments in the system. High gloss and improved color strength can be achieved due to smaller particle sizes. The product can also improve transparency and hiding power depending on the type of pigments. It also improves the leveling performance and PVC of the system. The product is recommended to add in grinding stage.

Suggested dosage base on the total of solid pigments and fillers formulation:

Titanium dioxide: 1 - 3%

Inorganic pigments: 5 - 10%

Organic pigments: 10 - 25%

Carbon black: 15 – 35%

Optimal levels are determined through laboratory tests.

**SAFETY NOTICE**

Before using the products, please refer to SDS for detailed safety data, handling and storage procedures recommended.

**DISCLAIMER**

It is common proposal for product usage and demand above information based on our professional knowledge. Due to environmental uncertainty and out of our control from practical process, please test and make evaluation ahead of use to ensure efficient and safe. For your reference, the above information is only for commonly known and use the product. It is guaranteed to meet quality and product specification.

**\*\*Please refer to SDS for more information**