



深圳市海威助剂新材料科技有限公司

Shenzhen Haiwei Additives New Material Technology Co., Ltd
Room 302-09, 3rd Floor, Guanlida Mansion (Nobo Plaza), Qianjin 1st
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深圳市宝安区前进一路冠利达大厦 (诺铂广场) 三楼302-09室

CDI-141

Water borne wetting and dispersing additive

Suitable for aqueous coating systems, printing inks and liquid colour masterbatches

Cost efficient

Zero VOC

Product Data:

Appearance: viscose yellowish liquid

Composition: modified polyether

Active matter: 100%

Storage and Transportation: between 10 °C-35 °C; Product may become solid below 20 °C. Heat to 30 °C and above before mixing.

Shelf Live: 18 months

Special Features:

CDI-141 Water borne wetting and dispersing additive which can be applied in aqueous coating systems, printing inks and liquid colour masterbatches; VOC free; 100% active matter; help to prevent floating and flooding in the complicate pigment concentrate formulations; especially good for organic pigments

Benefit:

- ▶ The additive deflocculates pigments by means of steric stabilization
- ▶ As a result of the small particle sizes of the deflocculated pigments, high levels of gloss can be achieved and the colour strength is improved.
- ▶ Strong viscosity reduction. And therefore, the flow characteristics are also improved and higher pigment loading is possible
- ▶ Transparency and hiding power also increase
- ▶ Broad applications. Suitable for both organic and inorganic pigments.

Recommend Levels:

Titanium dioxide: 4-7 %

Organic pigments: 15%-30 %

Carbon black: 30%-50 %



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The above-mentioned levels are for recommendation only. Users should optimize the levels through their own testing.

Incorporation:

Dissolve product in water and resin well before adding pigments for grinding