



深圳市海威助剂新材料科技有限公司

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CDI-187

Water borne wetting and dispersing additive

**For aqueous pigment concentrate, aqueous industry coating and
aqueous printing ink**

VOC free

Product Data:

Appearance: light yellow liquid

Composition: water solution of high molecular weight block copolymer with pigment affinity groups

Active matter: 40%

Boiling point: 100 °C

Storage and Transportation: keep between 10 °C-35 °C; once separation or turbidity found during storage when temperature is too low, warm up the product and mix well before usage.

Shelf Live: 24 months

Special Features:

CDI-187 is a VOC free, water borne wetting and dispersing additive for aqueous pigment concentrate, aqueous industry coating and aqueous printing ink; It has a good compatibility with different kind of resins.

Benefits:

- ▶ By steric stabilization, the additive can deflocculates and stabilizes the pigments effectively
- ▶ Achieve high level of gloss and colour strength
- ▶ Reduce viscosity, increase flowability of the pigment concentrate and pigment loading
- ▶ Improve transparency; improve hiding power
- ▶ Broad compatibilities; work for inorganic and organic pigments

Recommend Levels:

Titanium dioxide: 10-12 %

Inorganic pigments: 20%-30 %

Organic pigments: 35%-70 %

Carbon black: 100%-150 %

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