



深圳市海威助剂新材料科技有限公司

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CDI-204

Water borne wetting and dispersing additive

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

**Especially suitable for viscosity reduction of inorganic pigments and fillers
VOC free**

Product Data:

Appearance: clear to translucent light yellowish 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: 18 months

Special Features:

CDI-204 is a VOC free, water borne wetting and dispersing additive for general aqueous pigment concentrate and aqueous printing ink; It has a good compatibility with different kind of resins. **CDI-204** is especially suitable for viscosity reduction of inorganic pigments and fillers.

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 inorganic pigment and fillers
- ▶ Improve transparency; improve hiding power
- ▶ Broad compatibilities; especially good viscosity reduction for inorganic pigments and fillers

Recommend Levels:

Titanium dioxide: 5-7 %

Inorganic pigments: 10%-15%

Organic pigments: 15%-30 %

Carbon black: 50%-70 %

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