



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  
Road, Baoan, Shenzhen, China

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-146

### Wetting and dispersing additive

**For solvent borne, water borne and 100% UV-curing printing ink**

**100% active matter**

**VOC free**

### Product Data:

**Appearance:** viscous liquid

**Composition:** high molecular weight block copolymer with pigment affinity groups

**Active matter:** 100%

**Storage and Transportation:** keep between 10 °C-35 °C

**Shelf Live:** 18 months

### Special Features:

CDI-146 is a VOC free, wetting and dispersing additive for solvent borne, water borne and 100% UV-curing 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
- ▶ Removing thixotropic flow behaviour of the pigment concentrate
- ▶ Reduce viscosity, increase flowability of the pigment concentrate and pigment loading
- ▶ Achieving long-term storage stability of printing inks
- ▶ Broad compatibilities; working particular well with carbon black and organic pigments
- ▶ Significantly improved colour strength and transparency

### Recommend Levels:

Organic pigments: 15%-35 %

Carbon black: 30%-60 %

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

### Incorporation:

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