



Dispersant SN-110 TDS

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Disclaimer: All information provided in this Technical Data Sheet is for customer selection, use and reference only. Customers should conduct sufficient tests according to their own application scenarios to confirm the applicability of the product before mass use.

1. Product Basic Information

Item	Details
Product Name	Dispersant
Product Model	SN-110
Product Type	Non-hazardous chemical, dispersant containing acidic groups
Appearance	Colorless to pale yellow viscous liquid
Main Components	High molecular weight block polymer containing acidic groups

2. Product Features

- Has good wetting properties and excellent anti-settling ability, with excellent viscosity reduction and dispersion effects on various inorganic pigments and fillers.
- Strong ability to prevent coagulation and coarsening of ground pigments, greatly improving the storage stability of pigments.
- Suitable for various polar systems, especially medium to high polarity systems, which can significantly improve the wetting and dispersing ability of the base material to pigments and fillers, reduce system viscosity, enhance fluidity, and shorten grinding and dispersion time.
- The anchor groups are acidic groups, which will not react with acid catalysts in paint or coil coating systems, thus not affecting the performance of the coating.
- Specially suitable for viscosity reduction and wetting dispersion of SMC and BMC systems, especially for epoxy flooring, anti-corrosion coatings and various industrial paints, reducing the viscosity of high filler systems.

3. Core Technical Parameters

Test Item	Technical Index
Active Ingredient	100%
Shelf Life	2 years from the production date (unopened, stored in cool and ventilated place)
Special Note	Crystallization may occur below 10°C; heating to liquid state does not affect effectiveness

4. Application Scope

Widely used in various solvent-based coating systems, SMC, BMC systems, water-based systems, epoxy flooring, anti-corrosion coatings and various industrial paints, especially for reducing the viscosity of high filler systems.

5. Recommended Dosage (Mass Ratio)

Titanium dioxide: 1.5-2%; Inorganic pigments: 2.5~5%; Alkaline carbon black: 20-40%; Matte powder: 5-10%.

6. Storage and Transportation

Store in a cool and ventilated place; handle with care during transportation to avoid damage and leakage. The product is non-hazardous, and no special transportation requirements are required except for conventional protection.

7. Safety Protection

Operate in accordance with conventional chemical operation specifications, avoid direct contact with skin and eyes; if accidentally contacted, rinse with plenty of water in time. Keep the operation area ventilated, and avoid mixing with strong oxidants, acids and alkalis.