

Durle® SI-508 Water-based Polyamide-imide(PAI) Dispersion

Product Durle® Water-based polyamide-imide(PAI) SI-508 is a product developed to meet the

Introduction high-end market demand for water-based non-stick coatings. It does not contain materials such as organic amines that tend to yellow at high temperatures. Non-stick coatings made from this material exhibit a stable bluish tint without any yellowing. In water-based coatings, it offers high gloss, high hardness (particularly thermal hardness), superior wear and corrosion resistance. It is currently the specialty engineering material with the best overall performance for use in water-based non-stick coatings.

※ The solvent composition of this dispersion is a mixture of water, DMAC, and other solvents.

Application

- ✓ Water-based high temperature resistant coatings.
- ✓ Water-based high temperature resistant adhesives.
- ✓ Enameled wire.

Product	Appearance:	Yellow liquid
Index	Viscosity:	2,000-6,000cps
	pH:	3.00-6.00
	Specific Gravity:	1.00-1.20
	Solid Content:	24.00%-26.00%
	Fineness:	≤15μm

Method of application It can be ground together with pigments or added as the primary resin.

Storage Store at temperatures between -5°C to 40°C, protected from direct sunlight. Shelf life: 12 months (unopened).

Packaging 50kg/plastic drum; 200kg/plastic drum

Discharge Do not discharge it into the wastewater system, put it in a specific container for professional disposal.

Emergency treatment 1. In case of leakage or spillage, collect it in a container and clean the ground pollutants with a cloth.

2. If this product accidentally come into contact with the eyes, rinse immediately with plenty of water for at least 15 minutes. If discomfort persists, seek medical attention immediately.

3. If this product comes into contact with the skin, wash with water and soap. Seek medical attention immediately if discomfort occurs.

4. If discomfort occurs from accidental inhalation of spray, move to fresh air immediately and seek medical attention without delay