

## Technical Data Sheet

### TL-50503 Synthetic Wax Emulsion

#### [Application]:

- ★ Water-based leather finishing agent, hand feeling agent
- ★ Block resistant and after-tack resistant agent
- ★ Mold release agent

#### [Technical Indices]:

Appearance	Light White Emulsion	Emulsification system	Nonionic
Solid Content (%)	50±1%	pH	6.4-8.4
Mean Particle Size (μm)	≤0.2	Melting Point°C	-
Chemical Composition	Synthetic Wax Emulsion		

#### [Performance and Features]:

This product possesses oily hand feeling, water repellency, block resistance, and it can resist acids and alkalis, and has good formulation stability with resin emulsions.

#### [Use]:

1. It provides oily hand feeling for water-based leather finishing agent.
2. It is the ideal anti-blocking agent for water-based paints (metallic paints, woodenware paints, plastic paints, etc.), water-based coating and water-based inks. Meanwhile, it has certain effects on the water repellency, anti-friction, scratch resistance, gloss improvement, etc.
3. It can impart block resistance effects in the printing paste for the waterproof finishing of textiles.
4. It serves as water repellent, sizing agent, and anti-blocking agent for paper products and so forth, especially in fruit bag paper applications.

#### [Precautions]:

1. It shall be stored in closed packaging and in cool place. Prevent from freezing.
2. The shelf life of the product in the original packaging at room temperature is six months. Once the container is opened, it is recommended to use it completely in a short period of time.
3. To ensure the uniformity of the product, please shake up thoroughly before use, and it is advisable to filter before use.
4. Before mixed with resins, solvents, and other substances, please test the suitability in advance, especially take into account of pH. It is generally recommended that wax emulsion be added to the blending process at last.
5. This information is provided for reference only, and shall not be construed as guarantee.