

# Technical Data Sheet

## TL-5601M Plant Wax Emulsion

### ■ Product Characteristics

This vegetable wax emulsion made of bio-based wax can be used in place of some carnauba waxes and polyethylene waxes; it is easy to be polished and used to improve the surface properties of curing products, polishing fluids and leather coatings. It has Improved gloss while providing scratch and abrasion resistance.

### ■ Application

### Function

|                     |  |
|---------------------|--|
| Coating             | Increase gloss, scratch resistance, hand feel, block resistance            |
| Leather             | Increase gloss, dry and slip hand feel, scratch resistance                 |
| Curing agent/Polish | Improved polishing properties, surface protection, and long-lasting luster |
| Latex gloves        | Barrier  |



### ■ Typical Physicochemical Data

|                         |                        |
|-------------------------|------------------------|
| Appearance              | Yellowish white liquid |
| Wax Type                | Rice bran wax          |
| Emulsion System         | Nonionic               |
| Melting Point (°C)      | 83                     |
| Solids (%)              | 24.0-26.0              |
| Mean Particle Size (μm) | D50 ≤0.5               |
| pH                      | 7.4-9.4                |

### ■ Storage and transportation

The product is sensitive to temperature and needs to be stored and transported between 5°C–35°C. It should be filtered before use. It is recommended to place it in a closed and cool place and pay attention to anti-freezing.

### ■ Adding method and processing instruction

It is recommended that wax additives be added at the last stage of the water-based coating processing, added slowly, and stirred while adding.

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