

# Technical Data Sheet

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## **HN-103**

Water based acrylic emulsion polymer, used for interior wall paint, color tile paint & etc.

### **FEATURES:**

Styrene-acrylic emulsion, has excellent color spreading, excellent scrubbing and water resistance.

### **APPLICATIONS:**

HN-103 is used in the making of interior wall paint, color tile paint & etc.

### **SPECIFICATIONS:**

Appearance	:	Light blue liquid
Solid content	:	47±1 wt%
Viscosity (25°C)	:	1000-5000 cps
Particle size (nm)	:	90-120
PH	:	7.0-8.0
Minimum Film Formulation Temperature (MFT)	:	40°C
Ca <sup>2+</sup> stability 5%CaCl <sub>2</sub> : emulsion =1:3, 48h, No Flocculation, No Stratification.	:	Pass

### **COMPATIBILITY:**

Compatible with most chemicals used in water-based paints.

### **PACKAGING:**

#### **Packing:**

50kgs plastic drum/160kgs plastic drum/200kgs plastic drum/1000kgs IBC pallet/20000kgs soft packing.

#### **Storage and transportation:**

- 1.This chemical should be stored in a ventilated and dry room, avoiding direct sunlight.
- 2.Transport and store in the 5°C-35°C environment.
- 3.Shelf life is 1 year from the date of first use.

#### **Safety notice:**

The water-based polymer emulsion is non-toxic and non-flammable. If it splashes into the eyes, it should be washed with plenty of water immediately.

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