



## GUANGDONG HENGHE YONGSHENG GROUP CO.LTD

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### Technical of Data Sheet HIDNX LR-5518

#### Description

HIDNX LR-5518 is a silicone modified pure acrylic copolymer emulsion. The emulsion is copolymerized with silicone monomers and acrylic monomers. It has excellent film hardness, good yellowing resistance, high gloss, and color development properties, suitable for light- duty floor paint finish and varnish.

#### Key features

1. High film hardness
2. Good yellowing resistance
3. Good water resistance
4. Strong adhesion
5. High gloss,
6. Good color development

#### Application

For light-duty floor paint and engineering machinery paint

#### Key properties

<b>Polymer Types</b>	silicone modified pure acrylic copolymer emulsion
<b>Physical Appearance</b>	Blue translucence liquid
<b>Solid Content(%)</b>	47±1
<b>Viscosity( CPS)</b>	500 ~ 3000 (NDJ-4 3#/12rpm / 25° C)
<b>MFFT(°C)</b>	35
<b>Tg(°C)</b>	50
<b>pH value</b>	7.0-9.0

\* These properties are typical but do not constitute specification



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### **Additional Information**

**Storage Life (Shelf Life):** 12 Months from date of production

**Packaging:** 50 kgs, 160 kgs, 200kgs, IBC

#### **Storage:**

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 6 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

#### **Precautions:**

Guangdong Henghe Yongsheng Group Co. , Ltd. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. In case of skin contact: Wash with plenty of water/soap. In case of skin reactions, consult a physician. In case of eye contact: Rinse cautiously with water for at least 20 minutes. Tilt the head in order to avoid contact with the other eye. Contact an ophthalmologist.

We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.