

## LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

### TDS (Technical Data Sheet)

**P/N:** Solvent-Free Epoxy Prime HS6101

**Customer:** N/A  
**Customer P/N:** N/A  
**Customer Desc:** N/A

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**Approved By:** Sha Liu

### Version History

Rev.	Status	Revision Description	Author/Approved	Date
A	Approved	Initial Release	Sha LIU	2025-01-18

**Product Name: Solvent-Free Epoxy Prime****Model: HS6101****Description:**

HS6101 is a high-performance, two-component, solvent-free epoxy primer meticulously formulated with E51 epoxy resin, modified Aromatic amine and fatty amine curing agent. Designed for severe corrosive environments, it delivers exceptional coating performance and long-lasting protection while adhering to the highest environmental standards.

**Characteristics:**

- Good sealing and permeability.
- Effectively reinforcing the concrete foundation surface.
- Solvent free and environmentally friendly.

**Applications:**

Concrete substrate, where solvent evaporation is limited, is used as a sealing primer for floor coatings.

**Physical data:**

Appearance	Part B: Colorless transparent liquid Part A: Light yellow transparent liquid
Solid content (%)	≥95(by weight , mixed)
Flash point (°C)	Part A: Ca.50 Part B: Ca.52
Gloss	Light
Complete curing (day)	7

**Painting arguments:**

mix ratio: Part B / Part A =100 /45 (by weight, please stir well before use)

Pot life:

Temperature(°C)	10	20	30
Pot life after mixed(min)	40	25	15

Construction consumption: 0.10-0.15kg/m<sup>2</sup>。

Painting conditions:

Ambient temperature: 10°C-35°C

Ambient humidity: ≤75% (RH)

Substrate temperature: Must be more than 3 °C higher than the air dew point temperature.

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Painting Method: Scraping and rolling coating.

Thinner: Epoxy thinner.

Drying time and coating interval:

Temperature(°C)	25
Surface dry (h)	6
Hard dry (h)	12
Coating interval (h)	12

Above data are only for guidance. The actual drying time/painting interval can be longer or shorter, depending on the film thickness, ventilation, humidity, base coating, advance loading and mechanical strength requirements, etc.

#### Surface treatment:

- Use clean water to wash away salt and other water-soluble dirt.
- Degrease with a suitable cleaner and degrease.
- The concrete base surface must be thoroughly polished and cleaned.

#### Storage:

Shelf life: Part A: 1 year Part B: 1 year

Storage temperature: 5°C-35°C

#### Package:

Part A: 9KG Part B: 20KG

#### Precautions:

- 1: Avoid skin and eyes contact.
- 2: Clean with appropriate cleaning agent for skin contact. On eye contact, wash with plenty of water and seek medical advice immediately.
- 3: Well ventilation should be ensured.
- 4: The paint contains flammable substances, please keep away from sparks and smoking nearby is prohibited.
- 5: Observe all health and safety regulations on site.

#### Statement:

The information provided in this product manual is completely based on our knowledge gained in the laboratory and practice. However, since the use of products is usually beyond our control, we only guarantee the quality of products. We reserve the right to modify this manual without advance notice.