

## LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

### TDS (Technical Data Sheet)

**P/N:** Non-Solvent polyaspartic elastic waterproof repair varnish No.1  
**Name:** Non-Solvent polyaspartic elastic waterproof repair varnish HA8810

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

**Drafted By:** Kit ZENG  
**Approved By:** Sha LIU

#### Version History

Rev.	Status	Revision Description	Author/Approved	Date
A	Approved	Initial Release	Sha LIU	2017-06-18

**Product name:** Non-Solvent polyaspartic elastic waterproof repair varnish

**Model No:** HA8810

**Product introduction :** HA8810 is a high-performance, elastic waterproof repair varnish developed with advanced polyaspartic ester technology. Formulated through the scientific blending of specialized polyaspartic ester resins, selected pigments, fillers, additives, and an isocyanate curing agent, it creates an environmentally friendly, odor-free, tough, and highly flexible protective coating. Specifically designed to address water seepage issues on tile surfaces in kitchens and bathrooms, it provides a rapid, efficient, and long-lasting waterproofing repair solution.

**Characteristic:**

- Environmentally friendly, odorless
- Good adhesion to tiles
- Excellent elongation and Tensile strength
- Simple construction and quick drying

**Application:** Mainly used for waterproofing kitchen and bathroom tile surfaces

**Product Specification:**

Color: Colorless and transparent

Solid content : ≥95%

Flash point(°C): Part A: 128 Part B: 112

Viscosity: 200-500CPS (25°C, A,B components combined)

Density: 1.15±0.02g/cm<sup>3</sup>

Gloss: Bright light

Film thickness(μm): Flat Dry: 200—300 Wet: 200—300

Façade Dry: 100—150 Wet: 100—150

Theoretical coverage: 9.3 m<sup>2</sup>/Kg/100μm

Actual value: Related to surface treatment, external environment, application method and other factors.

Item	Test standard	Result
Elongation	GB/T 16777-2008	≥100%
Tensile Strength (400-600μm)	GB/T 16777-2008	≥10MPa
Tear strength(N/mm)	GB/T 529-2008	≥60
Adhesion (Tile)	GB/T 5210-2006	≥10MPa
Abrasive resistance(750g/500r)	GB/T 1768-2006	≤25mg

**Application paramether:**

ratio:

Brush/Roller: B: A=2: 1 (by weight, please stir well before use)

Pot life:

Temperature(°C)	5	10	20	30
Pot life(min)	40~50	30~40	20~30	15~20

Condition:

Environment temperature: 5°C--30°C, Environment moisture: ≤75% (RH)

Substrate temperature: 3°C higher than air dew pint

Construction method: Brush/Roller (Recommend)

Cleaning agent: Standard Polyaspartic thinner

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Drying time:

Temperature(℃)	5	10	20	30
Touch dry(hrs)	3	2.5	2	1.5
Hard dry (hrs)	12	10	7	6

The above data are for guidance only. Actual drying time can be long or short, depending on the film thickness, ventilation, ambient temperature and so on.

**Surface treatment:**

- Clean the tile residue with a rag
- Pour a proper amount of putty powder or other powder on the surface of tile, and then use rags or emery cloth to force the powder repeatedly to remove polishing wax and stains on the tile surface
- Clean the powder and moisture on the surface of the tile

**Storage:**

Shelf life: Component B: 1 year Component A: 1 year

Storage temperature: 0℃—30℃

**package:**

Component B: 1KG or 20 KG Component A: 0.5KG or 10KG

**Safety measures:**

- Avoid all skin and eye contact
- In case of skin contact, flush with enough water. In case of eye contact, flush with plenty of water and get medical aid immediately
- Keep great ventilation
- Coating may contains flammable matter. Keep away from spark and smoking around is forbidden.
- Comply with all health&security regulation in site.

**Statement:**

The information contained in this data sheet is based solely on our understanding in the laboratory and in practice. But because the use of the product are usually outside our control, so we only give the product itself quality assurance. We reserve the right to modify this manual without prior notice.