

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

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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: It is consist of Polyaspartic esters and variety of pigment, filler ,additive , isocyanate curing agent.All main ingredients are manufactured by own.

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 by weight: ≥95%

Flash point: 98±3℃

Viscosity: 230±100CPS (25℃,A,B components combined)

Density: 1.15±0.02g/cm³

Gloss: Bright light

Film thickness(μ m): Flat Dry: 200—300 Wet: 200—300

Façade Dry: 100—150 Wet: 100—150

Theoretical coverage: 3 Sqm/Kg/100μm

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

Elongation: ≥100%

test method: GB/T 16777-2008

Tensile strength: 10MPa (400-600um)

test method: GB/T 16777-2008

Tear strength N/mm: ≥60

test method: GB/T 529-2008

Adhesion (Tile) : ≥10 MPa

test method: GB/T 5210-2006

Abrasion resistance (750g/500r): ≤25ug

test method: GB/T 1768-2006

Application paramether:

ratio:

Brush/Roller: B: A=2: 1 (stir well before use)

Working time:

Temperature(℃)	5	10	20	25
Working time(min)	60~70	50~60	40~50	30~40

Condition:

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

Substrate temperature: 3℃ higher than air dew pint

Construction method: Brush/Roller (Recommend)

Cleaning agent: Standard Polyaspartic thinner

Drying time:

Temperature(℃)	5	10	20	30
Touch dry (hrs)	3	2.5	2	1.5

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Hard dry (hrs)	12	10	6	5
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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: 9 months

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.