

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

TDS (Technical Data Sheet)

P/N: Polyaspartic Water Park Elastic Varnish No.1
Name: Polyaspartic Water Park Elastic Varnish HA9506L

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	2017-01-18

Product Name: Polyaspartic Water Park Elastic Varnish

Model No: HA9506L

Description:

It is composed of polyaspartic acid ester resin, various additives, a small amount of solvent, isocyanate curing agent, etc. All raw materials are produced by own. Component C is added to the anti-skid varnish according to the ratio provided.

Features and benefits:

- Good adhesion with polyurea.
- Excellent resistance to disinfectant water
- Simple construction and quick drying.
- Excellent weather resistance and skid resistance.

Design purpose: Mainly used for water park system waterproof coating, with good protective effect.

Typical physical and chemical properties:

Color	colorless clear liquid
Weight Solid	55%-60%
Flash point	30±2℃
Viscosity	1000±200CPS(25℃, two component mixing)
Proportion	1.0±0.1g/cm3 (Mixing)
Luster	—
Coating thickness	Dry Film: 60-80μm Wet film: 80—120μm
Theoretical coating rate	Theoretical value:8 m²/Kg/80μm Actual value: Varies according to various factors such as surface treatment, external environment, construction method, etc.

Construction parameters:

Ratio:

Scrape + roll: B: A: Thinner = 1:0.5:0.2-0.3 (no anti-slip effect)

Scrape + roll: B: A: C: Thinner = 20:10:1.2 (anti-slip effect type)

Coating available time:

Temperature(℃)	5	10	20	25
Mixing(hrs)	90~110	70~90	50~60	40~50

Construction conditions:-15 ℃ ---30 ℃, humidity: ≤ 85%

Substrate temperature: must be greater than the air dew point temperature above 3 ℃.

Cleaning agent: Polyurea standard thinner

Drying time and coating interval:

Temperature (℃)	—5	5	10	20	30
Touch dry(hrs)	4	2.5	2	1.5	1
Hard dry (hrs)	24	12	10	8	6
Coating interval (hrs)	48	24	20	16	12

The above data are for guidance only. Actual drying time / time interval before coating can be long or short, depending on film thickness, ventilation, humidity, lower paint, preloading requirements and mechanical strength.

Surface treatment:

- 1,Rinse with salt water and other water-soluble dirt
- 2,Remove grease with a suitable detergent and degreaser
- 3,Make sure the surface is clean and dry before construction
- 4,Note the distance between the coating and the primer

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Store:

Storage time: Paint(B): 1 year Curing agent(A): 9 months

Storage temperature: 0 °C -30 °C

Packing:

Paint: 20KG Curing agent: 20KG

Security measures:

- 1,Avoid contact with skin and eyes
- 2,If the paint comes into contact with the skin, clean it with a suitable cleaning solution. If the paint touches the eyes, apply a lot of water Flush and seek medical attention immediately
- 3, Ensure good ventilation
- 4,The paint contains combustible substances. Keep away from sparks and prohibit smoking in adjacent work areas
- 5,The site complies with all health and safety regulations

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