

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

TDS (Technical Data Sheet)

P/N: Polyaspartic Water Park Elastic Anti-slip Topcoat No.1
Name: Polyaspartic Water Park Elastic Anti-slip Topcoat HA9507

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 Anti-slip Topcoat**Model No:** HA9507**Description:**

It is composed of polyaspartic acid ester resin, various pigments and fillers, auxiliaries, isocyanate curing agent, etc. The main components used are aspartic acid ester resin, pigments and fillers, auxiliaries, isocyanate curing agent, etc. Raw materials are produced by own. Component C is added to the anti-skid finish 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: It is mainly used for anti-skid finish of water park system with good decorative effect.

Typical physical and chemical properties:

Color	According to customers' requirement
Weight Solid :	60%-78%
Flash point:	30±2℃
Viscosity:	1000±200CPS(25℃, Two component mixing)
Proportion:	1.0±0.1g/cm3 (mixing)
Luster:	—
Coating thickness:	Dry Film: 100-150μm Wet film: 140—210μm
Theoretical coating rate:	Theoretical value: 4 m ² /Kg/150μm 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.

Coating Painting System:

Application: epoxy penetrating primer, polyurea coating, or refer to our company's recommendation.

Surface treatment:

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- 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

Store:

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

Storage temperature: 0 ℃ -30 ℃

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