

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

TDS (Technical Data Sheet)

P/N: Solvent-based polyaspartic topcoat No.1
Name: Solvent-based polyaspartic topcoat HA6371

Customer: N/A
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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	2019-01-18

Product name: Solvent-based polyaspartic topcoat

Product code: HA6371

Product introduction

A solvent-based two-component coating composed of polyaspartic resin and aliphatic isocyanate cured.

Characteristic: ■ Quick drying, short opening time

■ Excellent weather resistance

■ Excellent scratch and abrasion resistance

Application:

Mainly used in high wear and scratch resistance requirements, with high hardness and excellent wear resistance, and good weather resistance and color retention performance, this topcoat is suitable for indoor and outdoor parking lots, indoor decorative floor and heavy industrial floor. The temperature is still solidified quickly at 0 ℃. It is containing solvents, When it is used in indoor, must assess environmental hazards.

Physical parameters:

	Main agent	Hardener
Appearance	Colored viscous liquid	Colorless liquid
Smell	Irritating smell	Slight
Viscosity25℃	2000mpas	300mpas
Proportion25℃	1.25	1.02
Solid content	68%	65%

Material physical properties after curing:

Paint film appearance	Semi-matt light skid-resistant surface
7th hardness	2H
Wear (CS17 wheel 750g,500 turn)	20mg
Anti-impact performance (1000g, 1m)	Pass
Acid resistance (sulfuric acid 10%)	No discoloration, No blistering
Alkali resistance (Sodium hydroxide 20%)	Slight discoloration, No blistering

Application parameters:

ratio:

roller apply: B: A: thinner=2: 1: 0.1-0.2 (by weight)

Working time:

Temperature(℃)	25	30
Working time(min)	30	25

Construction dosage: 0.15-0.2kg / m2

Conditions:

Environment temperature: 0℃-35℃, Environment moisture: ≤80%

Substrate temperature: 3℃ higher than air dew point

Thinner: Standard Polyaspartic thinner

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Drying time:

temperature(℃)	25
Foot traffic(hrs)	4
Tack free(hrs)	1
Hard drying(hrs)	4

Above data just for your reference, the actual drying time depends on film thickness, ventilation, humidity, primer, mechanical strength etc.

Surface treatment:

- Get rid of salt and other water-soluble contaminant with clean water
- remove grease with appropriate detergent
- ensure the surface being clean and dry before application
- pay attention to the recoating window

Storage:

Shelf life: Main agent(B) : 1 year Hardener(A): 9 months

Storage temperature: 5℃—35℃

Package:

Main agent: 20KG ; Hardener: 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.