

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED**TDS (Technical Data Sheet)****P/N:** High wear resistant polyaspartic varnish HA6475

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	2017-01-18

Product Name: High Wear Resistant Polyaspartic Varnish
Model No:HA6475
Description

Composition	Three parts coating cured by polyaspartic acid ester resin and isocyanate
Curingmethod	Normal temperature curing, 0-35 °C.
Application	High abrasion-resistant floor paint Finish.
Features	High solid content, low toxicity environmental protection, goodweatherability, semi-matt, high surfacehardness, excellent abrasion resistance.
Package	Part B 3 KGS, Part A 0.6 KGS, Part D 1.4 KGS
Range of use	Used in industrial, warehousing, commercial leisure fields requiring resistance to frequent friction, heavy rolling, or chemical corrosion.

Material base data (25°C, 60%RH)

	Part A	Part B
Appearance	Light yellow liquid	Transparent color
Smell	Slight	Non
Viscosity25°C	12MPaS	1200MPaS
Proportion25°C		1.1
Solid content		100%

Mixed material Data (25°C, 60%RH)

Viscosity of mixed : 450MPaS

Mixingproportion(without aggregate):1.05

Mixed solids(with aggregate):88%±2%

Potlife : 20min

Dry time:2hr

Walking Opening time: 8hr

Weight opening time: 48days

Operation time and temperature relation

	25°C, 50%RH	30°C, 75%RH
Usable time	20min	15min
Finger touch	2hr	2hr
Finger press	8hr	6hr

Material physical properties after curing

Paint film appearance	Semi-matt light skid-resistant surface
7th hardness	6H
Wear(CS17 wheel 750g, 500 turn)	15mg
Anti-impact performance (1000g, 1m)	Pass

Attention:

Construction prohibited when humidity is greater than 85%RH;

The curing agent component meets the water vapor extremely easily to deteriorate, saves must seal dry.

User's guidance:

After mixing, the material must be poured all over the floor and then scraped, so as to avoid the bottom of the aggregate and the poor surface effect;

Adopt the construction method of batch scraping firstly and then roller coating, and evenly collect the short wool or sponge roller;

Dosage strictly controlled in 0.08~0.1 kg/m², avoid accumulation, otherwise foaming serious;

This material has very high requirements for construction. It must be trained by our company before use.

Storage: Ideal storage conditions is 5-35 °C in cool and dry place, avoid sun exposure.