

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

TDS (Technical Data Sheet)

P/N: High wear resistant polyurea microsphere topcoat No.1
Name: High wear resistant polyurea microsphere topcoat 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 polyurea microsphere topcoat

Model No:HA6475

Description

Composition	A three-part coating cured by polyaspartic acid ester resin and isocyanate, added organic particles.
Curing method	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	B agent was 3.7kg, A agent 0.74kg and C agent 0.55kg.(ratio 100:18:15)
Range of use	Compared with PA6475-P60, the luster is more dumb.

Material base data (25℃, 60%RH)

	B Agent	A Agent
Appearance	Colorless liquid	Light yellow liquid
Smell	Non	Slight
Viscosity25℃	1200MPaS	12MPaS
Proportion25℃	1.1	
Solid content	100%	

Mixed material Data (25℃, 60%RH)

Viscosity of mixed : 450MPaS

Mixing proportion (without aggregate):1.05

Mixed solids(with aggregate):85%

Potlife : 20min

Dry time:2hr

Walking Opening time: 8hr

Weight opening time: 48days

Operation time and temperature relation

	25℃, 50%RH	30℃, 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	3H
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 0.08~0.1kg/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.