

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

TDS (Technical Data Sheet)

P/N: polyaspartic joint sealant No.1
Name: polyaspartic joint sealant PS8300

Customer: N/A
Customer P/N: N/A
Customer Desc: N/A

Drafted By: Kit ZENG
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 joint sealant

Model No: PS8300

Product introduction: It is consist of Polyaspartic esters and variety of pigment, filler, additive, solvent and MDI. All main ingredients are manufactured by own.

Designed for use: Used for caulking and leveling of foam, plastic and other substrates on concrete substrates (basements, bridges, roofs, warehouses, etc.).

Characteristic

- Thick film facade construction
- Environmentally friendly, close to zero VOC emissions
- Good adhesion to epoxy primer
- Excellent impact resistance and elongation at break
- Easy to construct and dry quickly

Physical Parameters

Color: According to customers' requirement

Weight Solid: ≥95%

Flash point: 98±2℃

Viscosity: 30000-50000CPS (25℃)

Proportion: 1.3±0.05g/cm³

Luster: Half-light or bright

Main Technical indicators of Coating Film

Elongation: ≥100% test method: GB/T 16777-2008

Tensile Strength: ≥6MPa test method: GB/T 16777-2008

Adhesion (concrete): ≥4 MPa test method: GB/T 529-2008

Tear strength N/mm: ≥60 test method: GB/T 5210-2006

Construction parameters

Ratio:

Using: Main paint: curing agent = 1 : 0.5

Coating available time:

Temperature(℃)	5	10	20	25
Mixing(min)	70-90	60-70	55-65	50-60

Construction conditions: -5℃ -- -30℃, humidity: ≤85%

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

Construction method: Scraping

Cleaning agent / thinner: Polyurea standard thinner

Drying time and coating interval:

Temperature(℃)	-5	5	10	20	30
Touch dry(hrs)	6	3	2.5	2	1.5
Tack free(hrs)	24	12	10	8	6
Painting interval(hrs)	48	24	20	16	12

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

Add.: Room 206, Building 21, LongTeng Xing Cheng, No. 68 LongTeng South Road, DongXiao Town, XinLuo District, LongYan City, Fujian Province, China

Tel.: 86-20-38993165 86-13922763266

Website: <https://www.huisinschem.com>

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.

Painting matching :

Applicable : epoxy primer, polyurea coating, or refer to our recommended systems

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

store:

Storage time: Paint: 1 year Curing agent: 9 months Storage temperature: 0 °C -30 °C

Packing:

Paint: 20KG curing agent: 10KG

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
- 3,Flush and seek medical attention immediately
- 4, Ensure good ventilation
- 5,The paint contains combustible substances. Keep away from sparks and prohibit smoking in adjacent work areas 6,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.