



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号
日月科技园

电话: 86-552-3827158

传真: 86-552-3822922

安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

Tel: 86-552-3827158

Fax: 86-552-3822922

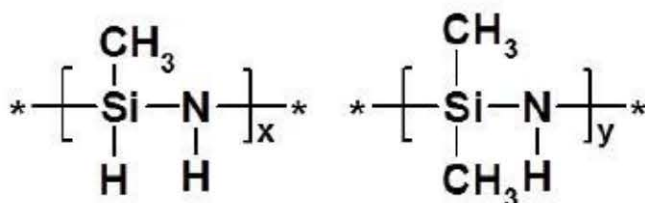
TDS of Organopolysilazane IOTA-OPSZ-9150

Organopolysilazane (room temperature curing coating resin) IOTA-OPSZ-9150

Description:

The product has a unique Si-NH-Si bond, can be cured at room temperature, curing mainly involved in the reaction of Si-NH-Si hydrolysis and oxidation. While the Si-NH-Si bond and the substrate surface-OH easily react, and bring the substrate and good adhesion. Addition the appropriate catalyst in the resin can promote Si-H and Si-NH-Si reaction, after curing resin to form three-dimensional cross-linked structure, giving the material good mechanical properties, hardness can be as high as 9H.

IOTA OPSZ-9150 is a transparent, batch-stable preparation new polysilazane resin, the structure is as follows:



OPSZ-9150 can anti-alcohol, ketones and other organic solvents after curing with.

OPSZ-9150 is a transparent solid after curing.

OPSZ-9150 is a one-component product. It is soluble in polar and non-polar solvents, such as ethers and alkanes, but can't be diluted with alcohol solvents or water.

Features:

Anti-UV

Room temperature curing

Non-combustible (after curing)

Good persistence

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

Tel: 86-552-3827158; Fax: 86-552-3822922 Website: www.polysilazane.cn



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号
日月科技园

电话: 86-552-3827158

传真: 86-552-3822922

安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

Tel: 86-552-3827158

Fax: 86-552-3822922

Easy to clean

Anti-oxidation, anti-corrosion

Construction convenient

Index:

Appearance: colorless transparent liquid

Auxiliary content: 1.5%

Solid content: 100%

Viscosity: 50 cPs

Density after curing: 1.3 g / ml

Liquid density: 0.95 g / ml

Dry time: 2 hours

Fully cured (20-25 ° C): 3 days

Hardness after curing:

Room temperature curing for 1 day: 4H

Room temperature curing for 3 days: 6H

Room temperature 3 hours, 120 degrees 2h: 8H

Transmittance (visible light): > 90%

Water contact angle: 105 °

Metal adhesion (grid method): 0 level

Applications:

Anti-graffiti building, metal anti-corrosion coating

Ordinary organic resin hardening agent

Silicone curing agent

Package:

5 liters metal sealed drum.

Cleaning:

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

Tel: 86-552-3827158; Fax: 86-552-3822922 Website: www.polysilazane.cn



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号
日月科技园

电话: 86-552-3827158

传真: 86-552-3822922

安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

Tel: 86-552-3827158

Fax: 86-552-3822922

Proper cleaning is important. After using, promptly use acetone or solvent oil to wipe the tool cleaning.

OPSZ-9150 cured, ordinary solvents can't be washed away. Can be used strong alkali, such as sodium hydroxide 10% aqueous solution soak for 5 hours or more to remove.

Precautions:

In a ventilated, dry environment, and use the necessary protective measures, such as gloves, masks, goggles.

Do not place uncured OPSZ-9150 near to fire, humid air, or water.

After opening, seal it in a timely manner. If it is used in a humid environment, replace the container with nitrogen after using.

Storage:

Shelf life: 2 years; after the application, it depend on the protective measures, sealed low temperature drying case, the applicable period of more than half a year.

For details, please contact,

IOTA CORPORATION LTD.

Add: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

Whatsapp/Wechat: 0086-18055207372

QQ: 3374697933

Email: sales05@siliconeoil.net

Website: www.polysilazane.cn

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

Tel: 86-552-3827158; Fax: 86-552-3822922 Website: www.polysilazane.cn