



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号  
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安徽艾约塔硅油有限公司

**IOTA CORPORATION LTD.**

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

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**Platinum(0)-1,3-divinyl-1,1,3,3-tetramethyldisiloxane  
(the platinum catalyst) IOTA-8100**

**English name:** Platinum(0)-1,3-divinyl-1,1,3,3-tetramethyl disiloxane

**English Alias:**

Platinum(0)-1,3-divinyl-1,1,3,3-tetramethyldisiloxane;

Pt(0)-1,3-divinyl-1,1,3,3-tetramethyldisiloxane;

platinum(0)-1,3-divinyl-1,1,3,3-tetramethyldisiloxane complex;

Platinum(0)-1,3-divinyl-1,1,3,3-tetramethyldisiloxane complex solution;

Molecular Formula :  $C_8H_{18}OPtSi_2$

Molecular weight : 381.48

CAS NO.: 68478-92-2

Appearance : Light yellow liquid

Active content% :  $\geq 20\%$

Room temperature activity ( 25°C thickening ) , min: $\leq 10$

High temperature activity ( 120°C\*25min ) , min: Entirely cured

Melting point : 12-13°C

Boiling point : 138°C

Flash point : 30°C

Specific gravity : 0.984g/ml at 25°C

**Product specification:**

We could customize any platinum content product according to customer requirements.

The regular content are as below : 500ppm、1000ppm、2000ppm、3000ppm、4000ppm、5000ppm、6000ppm、8000ppm、10000ppm、20000-200000ppm.

High catalytic efficiency, can quickly catalyze vinyl siloxane(Usually refers to vinyl silicone oil and vinyl rubber) and hydrogen siloxane(Usually refers to hydrogen silicone oil) in additive cross-linking reaction.

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**Application:**

- 1, As vulcanizer and the catalyst for mixing molding rubber and silicone tube extruding rubber and the pacifier glue.
- 2, Addition type pouring sealant, silicone sheet, Mould glue, RTV-M, Silica gel ink, silicone resin, silica gel.
- 3, As catalyst in synthesis of modified polyether silicone oil and amino silicone oil
- 4, As auxiliaries in all kinds of polyurethane coating and silicone coating and defoamers.

**Storage:**

Sealed in 20-30°C dark place for 12 months , catalytic activity and appearance maintain the same.

For details, please contact,

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