



PT-5000

Vinyl Composite Platinum Catalyst

2025/03/25 Draft. PDS

Description

In the silicone industry, addition-type silicones are the most important and widely used reactions. PT-10000 is more effectively applied in this process. PT-10000 is a type of platinum composite ion that offers greater efficiency than hexachloroplatinic acid, exhibiting excellent reaction speed even at 5 ppm.

Storage & packaging

When stored in its originally sealed packaging at 5°C - 40°C, this product may be stored for up to 8 months from its manufacturing date. Comply with the storage instructions marked on the packaging. Once past this expiration date, TAI COUNTY CHEMICAL no longer guarantees that the product meets the sales specifications.

Product comes in 1Kg brown glass bottle.

Characteristics

- Excellent reaction speed
- Plays a key role in silicone polymerization reactions involving vinyl and hydride groups

Applications

- Liquid silicone rubber
- Release paper, static protective film
- High-temperature adhesive tape

Properties

Appearance	Clear dark yellow liquid
Substance	Pt-vinyl silicones complex
pH	7.0±1.0

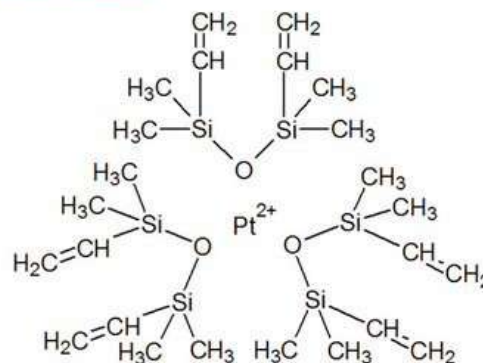
Processing

(Depending on the actual conditions, you can adjust the usage amount.)

***Note: This product should avoid contact with heavy metals, sulfur-containing compounds, and certain amine compounds to prevent poisoning of the platinum catalyst, which may hinder curing.**

Safety

This document does not contain the safety information required for the product. Please read the safety data sheet for this product before use.



The information contained in this manual is given based on our current knowledge and good faith. It is indicative only and not binding, especially regarding the impact on third-party rights during product use. TAI COUNTY CHEMICAL ensures the products it sells conform to specifications. Only necessary preliminary tests can determine if a product is suitable for specific applications, and this information cannot replace such tests. Users are responsible for ensuring compliance with local legislation and obtaining necessary usage certificates and authorizations. Users are requested to check if they have the latest version of this document, and TAI COUNTY CHEMICAL is always ready to provide additional information to customers.

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PT-10000

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