

Technical Data Sheet

RX-WI-TDS-E1401

Edit Date: October 10, 2020

Reshine D5

INCI name:

Cyclopentasiloxane

CAS No. 541-02-6

General Information:

Reshine D5 silicone fluid is mainly single component of cyclomethicone pentamer. It's colorless and transparent liquid without odor and irritation. It's easy to use and spread, imparting soft and lubricious feel to skin and hair. It is highly compatible with many cosmetic ingredients, without residues after evaporation. It can reduce surface tension and help to disperse pigments. It is widely used in personal care products such as make-up, skin care, hair care, sunscreen, antiperspirant and deodorant products.

Specification:

Item	Specification
Appearance	Clear fluid, free from
	suspended matter and
	sediment
Specific gravity(g/cm ³)	0.950-0.960
Viscosity(25°C, cSt)	3.50-4.50
D5 (%area) GC	96.0-100.0
D4 (%area) GC	≤1.0

^{*} These values indicate typical specification; they are not intended to be used as product specifications.

Benefits:

- With moderate volatility, can stay on skin or hair surface for some time
- Compatible with many personal care ingredients
- Non-Occlusive, quick absorption
- Makes skin and hair lubricious, reduces greasiness
- Reduces surface tension, helps to disperse pigments
- Excellent spreadabiltiy

Application:

- Skin care, sunscreen products
- Make-up
- Hair care products
- Antiperspirants, deodorants

Formula Guidelines:

Reshine D5 is compatible with many cosmetic ingredients, even some waxes, fatty acids, fatty acid esters and non-volatile silicones. Mutual soluble with alcohol.

Storage & Handling:

Standard Packing: 190kg/drum

Storage: keep in cool, dry, ventilated and lightless

place

Shelf Life: 24 months

Reachin Chemical Co., Ltd. / FL. 3, No. E2 Longshan Industry Zone, Yinglong Road Tianhe District, Guangzhou, China/ TEL: 8620-37087379

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained therefrom. The information is based on Reachin work with small-scale equipment and does not necessarily indicate end product performance. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the application disclosed. Full-scale testing and end product performance are the responsibility of the user. Reachin Chemical Co.,Ltd. shall not beliable for and the customer assumes all risk and liability of any use of handling of any material beyond Reachin Chemical Co.,Ltd.'s direct control.