



# RTSS-8100

## Wear-resistant feel agent



**Overview**

RTSS-8100 is a high molecular weight polysiloxane containing silane alcohol functionality, primarily designed for the synthetic leather industry. It exhibits properties of smoothness, softness, abrasion resistance, and waterproofing.

**Physicochemical Properties**

<b>Appearance</b>	Clear Liquid	<b>Composition</b>	Silane Alcohol Functionalized Polysiloxane
<b>Density</b>	0.96 g/ml	<b>Solid Content</b>	70.0±2.0 %
		<b>Solvent</b>	IPA

**Properties and Advantages**

A high molecular weight polysiloxane containing silane alcohol functionality can form a denser monolayer on the film surface, providing long-lasting smoothness, abrasion resistance, scratch resistance, and anti-adhesive properties.



- Excellent compatibility with PU resin.**
- Excellent smoothness characteristics.**
- Imparts a soft feel to the leather surface.**
- Outstanding and durable abrasion resistance.**
- Excellent waterproofing properties.**
- Especially suitable for automotive seat leather, sofa upholstery leather, and sports shoe leather.**

**Dosage Application Precautions**

1-3% of the total formulation.  
 Synthetic leather, surface treatments, etc.  
 Please dilute with solvent before application. May solidify at low temperatures; heat in a water bath to restore flowability.

**Storage**

Store between 0-40 °C in a cool, well-ventilated area, keep the container tightly sealed, and keep away from heat and sources of ignition.

**Safety Packaging**

Refer to MSDS  
 25 KG/Barrel