



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

resistance, and waterproofing.			
Appearance		Composition	Silane Alcohol
	Clear Liquid		Functionalized
			Polysiloxane
Density	0.96 g/ml	Solid	70.0±2.0 %
		Content	
		Solvent	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 antiadhesive 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 1-3% of the total formulation.

Application Synthetic leather, surface treatments, etc.

Precautions 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 Refer to MSDS
Packaging 25 KG/Barrel

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For further detailed information, please contact our company directly.

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

Revision date: 2024.01.02 Version: 4130 V1 2024