

ADDSiL™ 2901 Silicone Elastomer Powder (Microspheres)

INTRODUCTION

ADDSiL™ 2901 is a spherical silicone elastomer powder functionalized with epoxy groups. Designed for use in solvent-based, UV-curable, or 100% solid systems, it enhances mar and abrasion resistance, imparts a smooth and soft touch, and provides uniform matting to the coating surface.

BENEFITS

- Epoxy-functionalized silicone powder for chemical reactivity
- Provides a dry, silky feel and uniform matte finish
- Significantly improves scratch and abrasion resistance
- Effective in both solvent-based and energy-curable systems
- Compatible with various polymer matrices

PHYSICAL PROPERTIES

Color and Appearance	Fine White Powder
Average Particle Size (µm)	3.0
Volatile Content (%)	Max.1.0

These values are typical and are not intended for use as specifications.

APPLICATIONS

ADDSiL™ 2901 is suitable for coatings, inks, and plastic compounds requiring surface durability and a soft-matte appearance. It can be used in:

- Solvent-based wood and plastic coatings
- UV-curable coatings and 100% solids systems
- Matte varnishes and topcoats
- Polymer modification for added toughness and texture

RECOMMENDED DOSAGE

Typical dosage: 1.0-10.0 wt% based on total formulations.

For best performance, pre-disperse using high-shear equipment such as a sand mill or three-roll mill.

The above recommended levels can be used for orientation.

pacOptimal levels are determined through a series of laboratory tests.

PACKING

ADDSiL™ 2901 is supplied in 10Kg fiber keg with polyethylene liner.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical

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hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

When stored at temperatures below 35°C in the original unopened containers, ADDSiL™ 2901 has a shelf life of 18 months from the date of production.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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