



DOWSIL™ 2-9147 LF Dispersion

High molecular weight silicone dispersed in solvent

Features & Benefits

- Abrasion resistance
- Mar resistance
- Mar resistance with a matt look
- Slip characteristics
- Imparts soft hand to leather surface
- Improves water repellency
- Non blooming

Composition

- High molecular weight silicone dispersed in 10% diethylene glycol monethyl ether

Applications

- Used in natural leather finishing
- Can be used as an additive in most acrylic and polyurethane topcoats
- Improves wear resistance, in particular mar resistance
- Dispersible in solvent systems. Suitable solvents include alcohols, glycols and dimethyl formamide

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

CTM ¹	Property	Unit	Result
0176	Appearance		White, smooth texture
0050	Viscosity	mPa.s	200,000–700,000
0021A	Flash point - closed cup	°C	> 101.1

1. CTM Corporate Test Method, copies of CTM's are available on request.

Description

DOWSIL™ 2-9147 LF Dispersion is a dispersion of high molecular weight silicone in 10% diethylene glycol monethyl ether. It is dispersible in solvent systems such as alcohols, glycols, and dimethyl formamide.

How to Use

Due to the high consistency of DOWSIL™ 2-9147 LF Dispersion, it is recommended that a masterbatch is made composed of 30–40 percent of DOWSIL™ 2-9147 LF Dispersion with 60–70 percent of the dilution solvent. The solvent should be added slowly to the silicone dispersion.

The final leather finish can be applied by conventional coatings techniques. Typical addition levels are 0.5 to 4.0 percent based on coating solids.

**Handling
Precautions**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**Usable Life and
Storage**

When stored at or below 25°C in the original unopened containers, this product has a usable life of 12 months from the date of production.

**Packaging
Information**

This product is available in 180 kg drums.

Samples are available in 500 ml bottles.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

**Health and
Environmental
Information**

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

**Disposal
Considerations**

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

**Product
Stewardship**

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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