



Technical Data Sheet

DOWSIL™ SH 7020 Dispersion

Colorless silicone dispersion for mold release

Features & Benefits

- Silicone dispersion for mold release
- Thin film is formed after drying
- Easy to dilute with organic solvents

Composition

- Polydimethylsiloxane/ silicone resin
- Aromatic solvents
- (Active content: approx. 50%)

Applications

- Release coating for mold release
- For urethane rubber such as shoe sole

Typical Properties

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

Property	Unit	Result
Appearance		Colorless liquid
Viscosity	mm ² /s	8–16
Non Volatile Content	%	48–52

Description

DOWSIL™ SH 7020 Dispersion is a silicone dispersion which contain polydimethylsiloxane and silicone resin in organic solvents. This dispersion can be used for mold release such as urethane rubber for shoe sole.

Description (Cont.)

Example: Peel strength of tape on aluminum panel after DOWSIL™ SH 7020 Dispersion sprayed

Silicone concentration	Release force (gf/inch)
Reference (0%)	430
0.1%	210
0.5%	45
2.5%	21
10%	8

**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.

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

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