



Technical Data Sheet

DOWSIL™ 7429 PSA Additive

Additive to improve adhesion between silicone pressure sensitive adhesives and silicone rubber.

Features & Benefits

- Improves adhesion of silicone PSA to silicone rubber substrate
- Minimal impact on cure performance
- Minimal impact on PSA performance

Applications

- Recommended for use with DOWSIL™ Q2-7735 Adhesive
- Masking, plating, splicing and electrical tapes

Typical Properties

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

Test ¹	Property	Unit	Result
	Physical Form		Liquid
	Appearance		Colorless
CTM 0086	Non-volatile Content	%	25~35

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

Description

DOWSIL™ 7429 PSA Additive is used in pressure sensitive adhesive for industrial tapes to improve adhesion of silicone PSA to silicone rubber substrate.

It is suggested that as a starting point, a level of 0.5 to 2.0 wt% of DOWSIL™ 7429 PSA Additive be used in silicone pressure sensitive formulations.

How to Use

DOWSIL™ 7429 PSA Additive is one component of a multicomponent silicone PSA system designed for coating on filmic substrates. In order to use this product effectively, it must be blended with appropriate DOWSIL™ adhesives, SYL-OFF™ crosslinker and catalyst. More detail information about the use of this DOWSIL™ material and other SYL-OFF™ materials can be obtained from the technical service group.

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 32°C (90°F) in the original unopened containers, DOWSIL™ 7429 PSA Additive has a usable life of 12 months from the date of production.

Packaging Information

This product is available by can size with 3 kg.

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.

How Can We Help You Today?

Tell us about your performance, design, and manufacturing challenges. Let us put our silicon-based materials experience, application knowledge, and processing experience to work for you.

For more information about our materials and capabilities, visit **dow.com**.

To discuss how we could work together to address your specific needs, go to **dow.com** for a contact close to your location. Dow has customer service teams, science and technology centers, application support teams, sales offices, and manufacturing sites around the globe.

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