



EcoSmooth™
reinvent conditioning



EcoSmooth™ Satin
Storage and Handling Guide



Personal Care

Sincerely Yours



EcoSmooth™ Satin Conditioning Polymer Storage and Handling Guidelines

Introduction

Dow Personal Care is a manufacturer of high-quality personal care products. This guide contains recommendations for storing, handling and using EcoSmooth™ Satin Conditioning Polymer.

Dow Personal Care cannot anticipate all possible handling and use conditions. Therefore, we invite you to discuss your requirements with one of our technical representatives or with a customer service representative (see contact information at the end of this guide). We also suggest you consult with equipment suppliers about the safety aspects of installing and using their equipment.

Storage Conditions

The recommended storage temperature for EcoSmooth™ Satin is between 40 and 100 °F (4-37 °C). EcoSmooth™ Satin must be protected against exposure to temperatures above 100°F (37°C) for extended periods of time.

For optimum product performance and ease of processing, EcoSmooth™ Satin Conditioning Polymer should be protected from freezing. Repeated freeze-thaw cycles have not shown significant impact on physical properties, however depending on conditions, additional residue formation and/or product performance degradation may occur.

Although Dow Personal Care will not guarantee the performance of EcoSmooth™ Satin Conditioning Polymer which has been frozen, should the situation arise, the product may still be usable. Follow the instructions below:

1. Thaw frozen material slowly in a warm room.
2. Mix to ensure uniformity.
3. Visually inspect for homogeneity.
4. Test for performance acceptability.



Shelf Life

The shelf life of EcoSmooth™ Satin Conditioning Polymer is one year from the date of manufacture. Prior to use, it is recommended that EcoSmooth™ Satin Conditioning Polymer be agitated gently to ensure uniformity.

Skin Formation

This dispersion product is an excellent film former, especially at elevated temperatures. Skins (thin layers of dried polymer which form at the air/liquid interface) are most likely to form during hot summer months. The amount of such material is small. Skins can be filtered out if necessary and in no way impair the quality of the dispersion.

pH Drift

Occasionally, with long-term storage, a downward drift in pH might be observed and could indicate a product performance change. Contact your Dow technical service representative for assistance if you experience such a situation.

Packaging

EcoSmooth™ Satin Conditioning Polymer is supplied in white plastic pails, 25 kg per package.

Product Stewardship

The Dow Chemical Company (Dow) and its subsidiaries have 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. 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.

Contact Information

For more information about EcoSmooth™ Satin Conditioning Polymer or other Dow Personal Care products, please visit www.dowpersonalcare.com

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