



Technical Data Sheet

UCAR™ MF 90

Product Description

UCAR™ MF 90 is a multifunctional, low odor pH neutralizer for latex applications. Dow's product serves as an additive for water based paints and delivers excellent efflorescence, blister and water resistance. UCAR™ MF 90 offers competitive and comparable performance to other pH neutralizers available in the market today.

Benefits

- Low odor
- Enhanced pH stabilization
- Reduced surfactant leaching
- Excellent efflorescence, blister and water resistance

Typical Physical Properties

Typical properties, not to be construed as specifications

Property	Result
Appearance	Colorless to slight yellow
Odor	Slight ammoniacal
Neutral Equivalent	83–93
Specific Gravity (at 20°C)	1.00–1.05 g/ml
pH (1 wt. % Solution at 25°C)	10.5–11.5
Water Content	31–34%
Flash Point (Closed Cup)	> 90°C
Boiling Point Range	100–243°C

Product Use Information

For enhanced performance efficiency, it is recommended the dosage level of UCAR™ MF 90 be split between the grinding and let-down process. This can help to improve aspects of formulating and processing, as well as contribute to the overall performance of the coating. The maximum recommended dosage for use of product is 0.3 wt%. For more details, please consult your Dow representative.

Product Safety

When considering the use of any Dow product in a particular application, review the latest Safety Data Sheet (SDS) to ensure that the intended use is within the scope of approved uses and can be accomplished safely. Before handling any of the products, obtain available product safety information including the Safety Data Sheet(s) and take the necessary steps to ensure safety of use.

Product Storage

The useful life of this product can be affected by storage and handling conditions. When stored in the original unopened container in an enclosed area and protected from moisture, extreme temperatures and contamination, the shelf life of this product is estimated to continue to meet applicable sales specifications for two years from the date of manufacture. Shelf life is a guide not an absolute value. The product should be reanalyzed for critical properties at the end of its shelf life to see if it meets specification for use.

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 the manufacture, use, sale, disposal, and recycle of each product.

Safety Consideration

Safety Data Sheets (SDS) are available from Dow. SDS are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. SDS are updated regularly, therefore, please request and review the most current SDS before handling or using any product. These are available from the nearest Dow sales office.

Customer Notice

Dow strongly encourages its customers to review 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 way for which they are not intended or tested. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products.

Contact:
www.dow.com/contact

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