

NIAX* blow series catalysts EF-708 (EF-705 and EF-700)

URETHANE ADDITIVES - FLEXIBLE SLABSTOCK FOAM



Niax EF-blow series catalysts are liquid, low odor, tertiary blow amines, designed to minimize or eliminate amine emissions in automotive interiors. The nonvolatility of these amine catalysts is the result of molecular design and high molecular weight. These give affinity toward the chemical structure of the final urethane polymer.

This new catalyst family consists of amines formulated into a range of delayed catalysts to provide the best available tools for successful production. The family consists of three blowing catalysts. Niax catalyst EF-708, the main product, is used preferably in combination with a gel catalyst such as Niax catalyst EF-602. The combination has the dual benefit of high rising foam stability and resultant open-cell foam. The remaining two catalysts in this blow family, Niax catalyst EF-705 and Niax catalyst EF-700, are based on the same tertiary amine. Niax catalyst EF-705 is strongly delayed and is the best choice when long cream times and highly open foams are desirable. Alternatively, Niax catalyst EF-700 is an efficient blow catalyst and is recommended for pour-in-place applications where shorter cream time is required.

Key Features and Typical Benefits

- meets stringent emission specifications
- easy processing with a variety of raw materials and equipment
- preserves physical properties that meet typical automotive specifications

Typical Physical Properties of Catalyst EF-708

Form	Liquid
Viscosity at 20°C, cSt	1800
Solubility in Water at 20°C	Insoluble
Flash Point, Pensky-Martens Closed Cup (ASTM D 93), °C	>100
Freezing Point, °C	>0

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Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers considering the use of this product should review the latest Material Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Material Safety Data Sheets are available at www.momentive.com or, upon request, from any Momentive Performance Materials representative. Use of other materials in conjunction with Momentive Performance Materials products may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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Emergency Service

Momentive Performance Materials maintains an around-the-clock emergency service for its products. The American Chemistry Council (CHEMTREC) and CareChem24 International also maintain an around-the-clock emergency service for all chemical products:

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DO NOT WAIT. Phone if in doubt. You will be referred to a specialist for advice.

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