

Niax* catalyst C-41

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Description

Niax catalyst C-41 is a tertiary amine catalyst and an excellent candidate to consider for use in the manufacture of rigid polyurethane, isocyanurate-modified polyurethane and polyisocyanurate foam. The catalyst typically exhibits excellent performance in catalyzing both urethane and trimerization reaction. Niax catalyst C-41 is a strong base and is soluble in water and most organic solvents.

Key Features and Benefits

- Niax catalyst C-41 can be useful in a variety of foam applications. Due to its outstanding performance and strong activity, it can help enhance crosslinking, providing better demolding and mechanical properties.
- Niax catalyst C-41 can be a good initiator of trimerization but usually works better in combination with a potassium catalyst to complete the isocyanurate formation.
- can help reduce surface friability and improve adhesion of foam to substrates.
- low odor and not flammable.
- recommended levels are 1-5 to 2.5 php when used as the main gelling catalyst in PUR and 0.3 to 1.0 php as co-catalyst in PIR, subject to user testing.

Typical Physical Properties

Appearance	Colorless to straw colored liquid
Flash Point, Tag Closed Cup, °C (°F)	>116 (241)
Water, % max	0.5
Boiling Point, °C	141
Specific Gravity @ 25°C	0.92

Typical data are average data and actual values may vary.

Typical data shall not be used as product specifications.

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 should review the latest Safety Data Sheet (SDS) and label for product safety information, safe

handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) 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.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

For literature and technical assistance, visit our website at: www.momentive.com

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