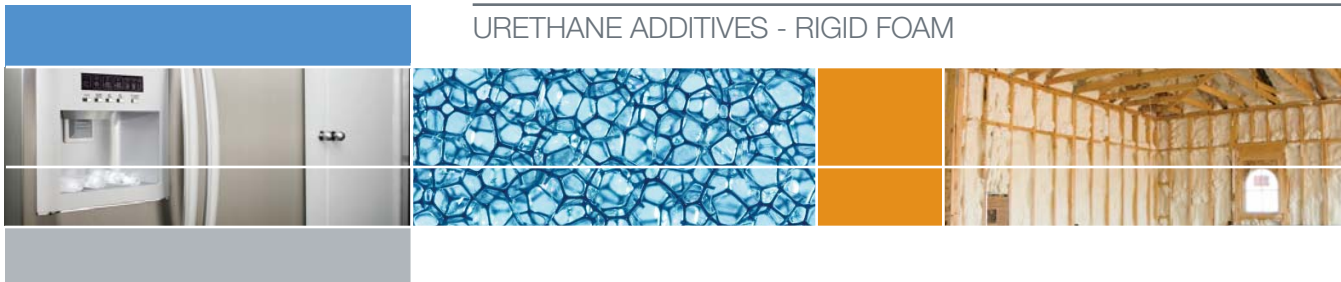


# NIAX\* Catalyst C-41

(N,N',N''-tris(dimethylaminopropyl)hexahydrotriazine)

URETHANE ADDITIVES - RIGID FOAM



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 Typical 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.

## NIAX\* Catalyst C-41 (N,N',N"-tris(dimethylaminopropyl)hexahydrotriazine

### 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](http://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.

## NIAX\* Catalyst C-41 (N,N',N''-tris(dimethylaminopropyl)hexahydrotriazine)

### Emergency Service

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Momentive Performance Materials maintains an around-the-clock emergency service for its products.

<u>Location</u>	<u>Emergency Service Provider</u>	<u>Emergency Contact Number</u>
Mainland U.S., Puerto Rico	CHEMTREC	1-800-424-9300
Alaska, Hawaii	CHEMTREC	1-800-424-9300
Canada	CHEMTREC	1-800-424-9300
Europe, Israel	NCEC	+44 (0) 1235239670
Middle East	NCEC	+44 (0) 1235239671
Asia Pacific (except China)	NCEC	+44 (0) 1235239670
China	NCEC	+86-10-5100-3039
Latin America (except Brazil)	NCEC	+44 (0) 1235239670
Brazil	SOS Cotec	08000111767 or 08007071767
All other locations world wide	NCEC	+44 (0) 1235239670
At sea	Radio U.S. Coast Guard in U.S. waters NCEC in International waters	+44 (0) 1235239670

For Health related calls, contact Momentive Performance Materials at +1-518-233-2500 (English only).

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

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