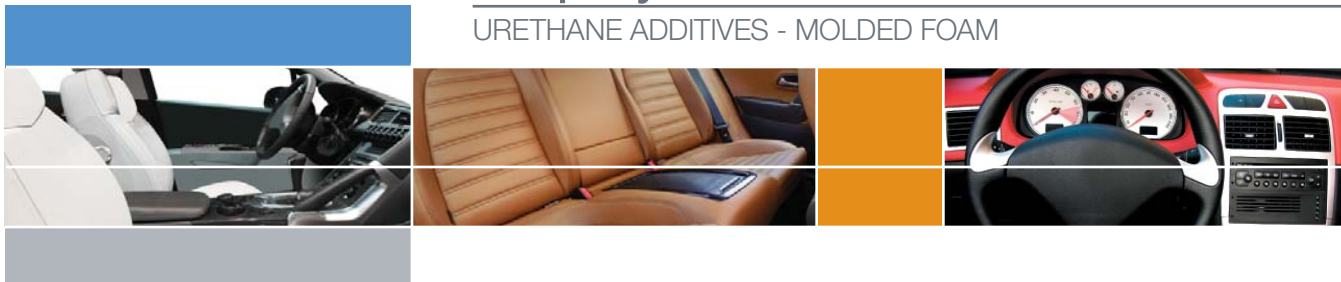


NIAX* Catalyst D-50 for polyurethane foams

URETHANE ADDITIVES - MOLDED FOAM



Niax catalyst D-50, a moderately active urethane catalyst, is an excellent candidate to consider for use as sole catalyst in specific applications such as flexible urethane foam formulations. It can also be considered for use in combination with primary catalysts of higher blow or gel activity.

Key Features and Typical Benefits

- Niax catalyst D-50's process latitude in flexible foam formulations is narrow and its use should be restricted to formulations having wide processing latitude. Combinations of Niax catalyst D-50 with primary catalysts such as Niax catalyst A-1 may be considered for formulations having narrow processing latitude.
- Niax catalyst D-50 has been selected by many customers for applications like spray foam, including open cell-semi rigid type, as an alternative to Niax catalyst C-8.

Typical Physical Properties

Nitrogen Content, % by wt.	15.7
Molecular Weight	89.14
Apparent Specific Gravity at 20/20°C	0.888
Vapor Pressure at 20°C, mm. Hg	4.4
Boiling Point at 760 mm. Hg, °C	134.6
Freezing Point, °C	-59
Solubility in Water at 20°C	Complete
Viscosity at 20°C, cps	3.8
Coefficient of Expansion at 55°C	0.00099
Flash Point Tag Closed Cup (determined by DIN 51755), °C	39
DMF (Dimethylformamide) Content, ppm	Max. 10

Typical data are average data and actual values may vary.
Typical data shall not be used as product specifications.

NIAX* Catalyst D-50 for polyurethane foams

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.

NIAX* Catalyst D-50 for polyurethane foams

Emergency Service

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).

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

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