

Niax EF-600 Low-Odor Balanced Tertiary Amine Catalyst Momentive

Overview:

Niax Catalyst EF-600 Low Emission, Good Physical Properties Niax Catalyst EF-600 is a low odor, non-volatile, tertiary gel-acting amine designed to minimize or eliminate amine emissions from automotive interior components.

Niax Catalyst EF-600 a liquid, low odor, gel-acting tertiary amine catalyst specifically designed for the production of low odor, low volatility automotive interior parts. This non-volatile amine catalyst benefits from its high molecular weight and special molecular structure, EF-600 replaces conventional tertiary amine catalysts for the preparation of high resilience foams with low foam odor that can successfully pass amine volatilization tests;

Niax Catalyst EF-600

A low volatility catalyst with good physical properties

Niax EF-gel series catalysts are low-odor liquid tertiary amine gel catalysts designed to minimize or eliminate amine volatilization in automotive interiors. The non-volatility of this amine catalyst is a result of the molecular design and high molecular weight.

Niax™ Catalyst EF-600

Niax catalyst EF-600 meets stringent emission specifications and maintains good physical properties. Depending on the index and level of grafted polyol added to the formulation, the final foam product can easily be made as soft or stiff as specifications require.

Potential applications for Niax Catalyst EF-600 include

Automotive interiors, molding applications requiring in-situ casting processes

Niax™ Catalyst EF-600

Niax™ Momentive's EF-600 catalyst is a low odor tertiary gel amine designed to minimize or eliminate amine emissions from automotive interiors. The non-volatility of this amine catalyst is a result of the molecular design and high molecular weight. This imparts an affinity for the chemical structure of the final urethane polymer. It is delayed and can be used as the sole catalyst in most formulations. In this case, the level of use can be relatively high. It prolongs creaming, allows smooth expansion, and produces open foam. Nyax™ Catalyst EF-600 can also be used in combination with a blowout catalyst. It is recommended as a candidate to be considered for in-situ pouring applications. Formulation adjustments are recommended to ensure consistent density and indexing.

Uses:

Niax catalyst EF-600 enables molded foam producers to produce high quality foams. The catalyst's unique molecular design and high molecular weight are well adapted to the final chemical structure of the polyurethane, allowing for easy processability with a variety of raw materials and equipment.

In particular, Niax catalyst EF-600 is a catalyst that meets stringent emission standards while

maintaining excellent physical properties. By adjusting the index of isocyanate and the content of grafted polyol, the final foam product can easily achieve the softness and stiffness required by specifications. ;



Package

Packed in clean, dry, sealed and leak-free special plastic drums with a net weight of 20kg/25kg/180kg per drum.

Storage and transportation

When transporting Catalyst, it should be strictly protected from rain and staining, carefully and gently stored to prevent leakage from collision with hard objects. When storing Catalyst, it should be stored at room temperature in a ventilated and dry warehouse, avoiding humid environment, and the storage temperature should be kept below 25°C, avoiding sunlight as much as possible, and away from water and heat sources. To prevent moisture absorption and oxidation, it is recommended to fill the container with nitrogen.

Shelf life

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Under proper storage conditions, the shelf life is 6 months from the date of manufacture, after which the product can be used after retesting.

Safety Information

Catalyst is somewhat toxic and should be rinsed with soapy water promptly after contact with skin. Staff can wear eye protection or safety glasses for the purpose of eye protection. Eye wash and drenching equipment should be provided near the workplace. When working in places where contact with the product is possible, attention should be paid to personal hygiene and the skin in contact with the product should be washed with washing products before eating, smoking and leaving the workplace.

Leak handling

Stop spills as much as possible while ensuring safety. If a minor spill is found, treat it with sand or other absorbent material and place it in a clean, dry container for subsequent disposal. If a large spill occurs, the spilled material should be collected for subsequent disposal. Avoid entering groundwater or surface water as the material is not readily biodegradable. All collected spilled material should be disposed of in accordance with local environmental regulations.

Disclaimers

The information and technical advice provided above has been obtained from our reliable sources, however, we make no express or implied warranties with respect to the data provided and make no promises herein. If our products are to be used, we recommend that they undergo a series of tests. The application, use, processing or production of products based on the technical information provided by us is beyond our control and therefore these responsibilities are the responsibility of the user. The condition and method of handling, storage, use or disposal of this product is beyond our control and may be beyond our knowledge, and in no event will we be liable for loss, damage or costs associated with the improper handling, storage, use or disposal of this chemical. For more information, please review the technical safety sheets for our products or contact our marketing services department.

Uses:

Promotes the reaction of hydroxyl functional groups with NCO

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Shelf life.

Keep unopened,two years

Storage and transportation:

Should be kept sealed and stored in a dry, cool and ventilated warehouse

Packaging:

200KG/drum Storage: It is recommended to store in dry and cool area with proper ventilation. Please fasten the lid as soon as possible after the original packaging to prevent the mixing of other substances such as water and other substances from affecting the product performance. Do not inhale dust and avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes. Store contaminated clothes separately and wash them before use. Maintain good hygiene habits.

Technical support and business contacts E-mail: info@newtopchem.com