Niax A-400 Tertiary Amine Complex Catalyst Momentive

Overview:
Niax Catalyst A-400 for molded polyurethane foam, water soluble tertiary amine complex catalyst with delayed catalytic action, specially designed for automotive cushion production, A-400 can be mixed with water or polyether polyol alone for metering, good for long lasting casting time and increasing open cell foam structure, A-400 is a new type of delayed action catalyst along with A-300;

Alias: Catalyst A-400, polyurethane catalyst A-400, delayed amine A-400, NIAX catalyst A-400, delayed amine catalyst A-400, tertiary amine complex type catalyst
A400 is a light yellow transparent liquid at room temperature, soluble in water;
Density (25°C): 1.15 g/cm3;
Viscosity (25°C): 140 mPa.s;
Flash point (PMCC) gt;93°C;

More about Niax™ Catalyst A-400
Like Niax Catalyst A-300, Niax Catalyst A-400 belongs to a class of catalysts that can significantly improve the performance and production of a variety of molded polyurethane foams, including those used for automotive seating. Niax Catalyst A-400 typically produces more open cell foam than many similar delayed action blow molding catalysts on the market, which can significantly reduce crush force values -- 48% to 59% in stiffer cushion formulations and 64% in softer formulations. Foams made with this catalyst can often have excellent quality without sacrificing stability or raw strength.
Similar to the reaction profile of Niax* catalyst A-107, and used in combination with a gelling catalyst such as Niax catalyst A-33 or Niax catalyst A-200, Niax catalyst A-400 promotes a blowdown reaction that can be beneficial in highly reactive systems. The agent can be significantly less corrosive to soft steel.
It can typically be used as a stand-alone stream or mixed with water or polyol for dosing into the machine's mixing head.

Niax Catalyst A-400 allows you to reap the benefits of extended pouring times and increased open foam.
A liquid, water-soluble tertiary amine Niax Catalyst A-400 is composed to facilitate the foaming reaction of your molds for the production of polyurethane foam.
Equally flexible as it is effective, Niax Catalyst A-400 can be added as a stand-alone stream or mixed with water or polyol for dosing to Niax Catalyst A-400 to provide delayed action for bonus enhancement.
Both Niax Catalyst A-400 and Niax Catalyst A-300 belong to a new class of dealkylation catalysts with unique properties that offer a wide variety of property delay benefits They produce reactions with essentially more open foam.

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Key Features and Typical Benefits
Niax Catalyst A-400 offers wealth of
added value. "Power
Performance Material Differences"
Includes:
Delayed blast reaction
Casting time required to produce
complex parts.
Significant reduction in impulse force, indicating increased throughput
compared to open cell foam
Competitive delayed action catalysts.
Much lower fugacity of amines.
Much less corrosive to soft steel

Applications:
A-400 is used in molded polyurethane foam with a water-soluble tertiary amine complex catalyst with delayed catalytic action, specifically designed for automotive cushion production; A-400 can be mixed with water or polyether polyol alone for metering and is good for long lasting casting time and increasing open cell foam structure, A-400 is a new type of delayed action catalyst along with A-300.

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℃, 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

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

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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

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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

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