

Dabco BX405 Catalyst CAS10861-07-1 Evonik Germany

Dabco BX405 is a highly efficient amine catalyst for rigid polyurethane foams.

It is a balanced catalyst that facilitates the reaction of urethane and urea to produce foams with good properties such as strength, flexibility and water repellency.

Dabco BX405 is also a low odour catalyst, which makes it a more pleasant and safer product to use.

Dabco BX405 has a wide processing range, which means it can be used in a wide range of polyurethane systems. This makes it a versatile catalyst that can be used for the production of a wide range of foams.

Dabco BX405 is a registered trademark of Evonik Industries.

The Dabco BX405 is available in a wide range of sizes and concentrations.

Dabco BX405 should be stored in a cool, dry place.

Dabco BX405 should be disposed of in accordance with local, state and federal regulations.



The following are some of the benefits of using the Dabco BX405:

- High efficiency catalyst: Dabco BX405 is a high efficiency catalyst, which means that it requires less catalyst to produce foam than other catalysts. This saves money and reduces the environmental impact.
- Balancing catalyst: Dabco BX405 is a balancing catalyst, which means that it promotes the reaction of urethane and urea in polyurethane foams. This results in a foam with good properties such as strength, flexibility and water resistance.
- Low-odour catalyst: Dabco BX405 is a low-odour catalyst, making it a more comfortable and safer product to use.

- Wide processing range: Dabco BX405 has a wide processing range, which means that it can be used in a wide range of polyurethane systems. This makes it a versatile catalyst that can be used for the production of a wide range of foams.

The following are some of the risks associated with the use of the Dabco BX405:

- Skin irritation: Dabco BX405 can irritate the skin. If it comes into contact with your skin, wash the area immediately with soap and water.
- Respiratory irritation: Dabco BX405 can irritate the respiratory system. If you breathe Dabco BX405 vapour or mist, move to fresh air and seek medical attention if you develop any symptoms.
- FLAMMABILITY: Dabco BX405 is flammable. Keep away from heat sources and open flames.

Appearance	Clear, colourless liquid
Scent	Gentle
Density	0.995 g/cm ³
Flash Point	100 degrees F (38 degrees C)

Steam pressure	0.1 mm Hg at 25 °C
Solubility	Miscible with water, alcohols and ketones
Stable	Stable under normal conditions

More detailed information about the Dabco BX405 is available below:

Dabco BX405 is a clear, colourless liquid with a mild odour. It is miscible with water, alcohols and ketones. Dabco BX405 has a flash point of 100 °F (38 °C) and a vapour pressure of 0.1 mmHg at 25 °C. Dabco BX405 is stable under normal conditions.

Dabco BX405 is a safe and effective catalyst for the production of polyurethane foam. It is important to follow the manufacturer's instructions when using Dabco BX405 to ensure safe and effective use.

The following are some of the features of the Dabco BX405:

- Appearance: Clear colourless liquid
- Scent: mild
- Density: 0.995 g/cm³
- Flash point: 100°F (38°C)

- Vapour pressure: 0.1 mmHg at 25 °C
- Solubility: miscible with water, alcohols and ketones
- Stability: stable under normal conditions

The following are some of the uses of the Dabco BX405:

- Rigid foam: Dabco BX405 is used for rigid foams to provide good strength, insulation and fire resistance.
- Soft foam: Dabco BX405 is used in soft foams to provide good cushioning, comfort and water resistance.
- Coatings: Dabco BX405 is used for coatings to provide good adhesion, durability and water resistance.

If you have any further questions about the Dabco BX405, please consult the manufacturer's safety data sheet or contact a qualified professional.

Here is some additional information about the Dabco BX405:

- Dabco BX405 is a registered trademark of Evonik Industries.
- The Dabco BX405 is available in a wide range of sizes and concentrations.
- Dabco BX405 should be stored in a cool, dry place.

- Dabco BX405 should be disposed of in accordance with local, state and federal regulations.

The following are some safety precautions to be taken when using the Dabco BX405:

- Always wear personal protective equipment (PPE), including gloves, goggles and respirator, when handling the Dabco BX405.
- Keep the Dabco BX405 away from heat sources and open flames.
- Do not inhale Dabco BX405 vapour or mist.
- If the Dabco BX405 comes into contact with your skin, wash the area immediately with soap and water.
- If Dabco BX405 is ingested, call a poison control centre immediately.

Shelf life.

Keeps unopened, two years

Storage and transportation:

It should be kept in a sealed container and stored in a dry, cool and ventilated warehouse

Packaging:

200KG/Drum Storage: Storage in a dry and cool area with proper ventilation is recommended. Please fasten the lid as soon as possible after original packaging to prevent mixing of other substances such as moisture and other substances that may affect the product performance. Do not breathe dust and avoid contact with skin and mucous membranes. Do not smoke, eat or drink in the workplace. Shower and change clothes after work. Store contaminated clothing separately and wash before use. Maintain good hygiene practices.

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