

## Dabco XD-102 catalyst CAS106317-60-3 Evonik Germany

Dabco XD-102 is a balanced catalyst that improves foam fluidity and skin quality, especially in low-density applications. It is a clear, colorless liquid with a mild odor.

Dabco XD-102 is a 33% solution of triethylenediamine (TEDA) in monoethylene glycol (MEG).

Dabco XD-102 is used in a variety of polyurethane applications, including:

Soft foams

Hard foam

Isocyanurate foam

Elastomer

Paint

Adhesive

Sealer

Dabco XD-102 is a versatile and effective polyurethane catalyst. It is available from a variety of suppliers.

Here are some safety precautions to take when using the Dabco XD-102:

- Wear gloves, goggles, and a respirator when handling the Dabco XD-102.

- Avoid contact with skin and eyes.
- Do not inhale vapors or fumes.
- Keep away from heat sources and open flames.
- Store in a cool, dry place.
- Dispose of it properly according to local regulations.

Here are some of the features of the Dabco XD-102:

- Molecular formula: C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>
- Molecular weight: 154.2 g/mol
- Appearance: clear colorless liquid
- Smell: mild
- Density: 1.03 g/cm<sup>3</sup>
- Boiling point: 195 ° C
- Flash point: 100°F
- Solubility: Soluble in water, ethanol, dichloromethane
- Stability: Stable under normal conditions
- Danger: corrosive, flammable and explosive

Here are some of the benefits of using Dabco XD-102:

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- Improved foam liquidity
- Improved skin quality
- Effective in low density applications
- Versatile and effective
- Available from a variety of suppliers

Here are some disadvantages of using the Dabco XD-102:

- Possible corrosion of metal
- Combustible
- Can explode
- Should be handled with care

Overall, Dabco XD-102 is a versatile and effective polyurethane catalyst. It is available from a variety of suppliers and is relatively inexpensive. However, it is important to understand the dangers associated with Dabco XD-102 and take the appropriate safety precautions when handling it.



Here are more detailed information about Dabco XD-102:

Dabco XD-102 is a strong base that can irritate the skin and eyes. If it comes into contact with your skin or eyes, flush the affected area with water for at least 15 minutes and seek immediate medical attention.

Dabco XD-102 is flammable and can irritate the respiratory tract if inhaled. If you inhale vapors or fumes, move to fresh air and seek medical attention if you develop any symptoms.

Dabco XD-102 can be explosive if mixed with other chemicals, such as aldehydes, ketones, and carboxylic acids. Do not mix Dabco XD-102 with any other chemicals unless you are sure they are compatible.

If you are using Dabco XD-102, be sure to follow all safety precautions. Wear gloves, goggles, and a respirator when handling the Dabco XD-102. Avoid contact with skin and eyes. Do not inhale vapors or fumes. Keep away from heat sources and open flames. Store in a cool, dry place. Dispose of it properly according to local regulations.

Here is some additional information about the Dabco XD-102:

- Dabco XD-102 is a registered trademark of Evonik Industries.
- Dabco XD-102 is available in a variety of sizes and concentrations.
- Dabco XD-102 is a cost-effective polyurethane catalyst.
- Dabco XD-102 is a safe and effective catalyst when used properly.

Here are some additional safety precautions to take when using Dabco XD-102:

- Always wear gloves and goggles when handling the Dabco XD-102.
- Avoid skin contact with Dabco XD-102. If skin contact occurs, wash the affected area with soap and water immediately.
- Avoid inhaling vapors or fumes from Dabco XD-102. If you do inhale vapor or fog, move to fresh air and seek medical attention if you develop any symptoms.
- Do not mix Dabco XD-102 with other chemicals unless you are sure they are compatible.
- Keep Dabco XD-102 out of reach of children and pets.

- Store the Dabco XD-102 in a cool, dry place.
- Dispose of the Dabco XD-102 properly according to local regulations.

**Shelf life:**

Remain unopened for two years

**Storage and Transportation:**

Should be sealed, stored in a dry cool ventilated warehouse

**Packing:**

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

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