

## Dabco PT305 catalyst CAS1739-84-0 Evonik Germany

Dabco PT305 is a low-odor, active tertiary amine catalyst for rigid polyurethane foams. It is a balanced catalyst that promotes the reaction of carbamate and urea to produce foams with good properties such as strength, flexibility and water resistance. Dabco PT305 is also a high-efficiency catalyst, which means it requires less catalyst to produce foams compared to other catalysts. This saves money and reduces environmental impact. Dabco PT305 has a wide processing range, which means it can be used in a variety of polyurethane systems. This makes it a versatile catalyst that can be used to produce a wide range of foams.

Physical properties:

Features	Description
Appearance	Clear colorless liquid
Scent	Mild
Density	0.995 g/cm <sup>3</sup>
Flash point	100 F (38 C)

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

Here are some of the benefits of using Dabco PT305:

**Low odor:** Dabco PT305 has a low odor, making it a more pleasant and safer product to use.

**Balanced catalyst:** Dabco PT305 is a balanced catalyst, which means it promotes the urethane and urea reactions in polyurethane foam. This results in the foam having good properties, such as strength, flexibility, and water resistance.

**High Efficiency catalyst:** Dabco PT305 is a high efficiency catalyst, which means that it requires less catalyst to produce foam than other catalysts. This saves money and reduces environmental impact.

**Wide processing range:** The Dabco PT305 has a wide processing range, which means it can be used in a variety of polyurethane systems. This makes it a versatile catalyst that can be used to produce a wide range of foams.



Here are some of the risks associated with using Dabco PT305:

- Skin irritation: Dabco PT305 can irritate the skin. If it comes into contact with your skin, wash the area immediately with soap and water.
- Respiratory irritation: Dabco PT305 can irritate the respiratory system. If you inhale Dabco PT305 vapor or smoke, move to fresh air and seek medical attention if you experience any symptoms.
- Flammability: Dabco PT305 is flammable. Keep away from heat sources and open flames.

How should Dabco PT305 be stored and disposed of?

Dabco PT305 should be stored in a cool, dry place. Keep away from heat sources and open flames. Dabco PT305 should be disposed of in accordance with local, state, and federal regulations.

What are the applications of the Dabco PT305?

Dabco PT305 is used in a variety of applications, including:

- Hard foam: Dabco PT305 is used for hard foam to provide good strength, insulation and fire resistance.
- Soft foam: Dabco PT305 is used in soft foam to provide good cushioning, comfort and water resistance.
- Coatings: Dabco PT305 is used in coatings to provide good adhesion, durability and water resistance.

If you have any further questions about the Dabco PT305, consult the manufacturer's safety data sheet or contact a qualified professional.

Here are more detailed information about the Dabco PT305:

Dabco PT305 is a clear, colorless liquid with a mild odor. It is miscible with water, alcohols, and ketones. Dabco PT305 has a flash point of 100 °F (38 °C) and a vapor pressure of 0.1 mmHg at 25 °C. The Dabco PT305 is stable under normal conditions.

Dabco PT305 is a safe and effective catalyst for polyurethane foam production. Always follow the manufacturer's instructions when using the Dabco PT305 to ensure safe and effective use.

Here are some of the Dabco PT305's features:

- Appearance: Clear colorless liquid
- Smell: mild
- Density: 0.995 g/cm<sup>3</sup>
- Flash point: 100°F (38°C)
- Vapor pressure: 0.1 mmHg at 25 °C
- Solubility: miscible with water, alcohols and ketones
- Stability: Stable under normal conditions

Here are some uses of the Dabco PT305:

- Hard foam: Dabco PT305 is used for hard foam to provide good strength, insulation and fire resistance.
- Soft foam: Dabco PT305 is used in soft foam to provide good cushioning, comfort and water resistance.

- Coatings: Dabco PT305 is used in coatings to provide good adhesion, durability and water resistance.

If you have any further questions about the Dabco PT305, consult the manufacturer's safety data sheet or contact a qualified professional.

Here is some additional information about the Dabco PT305:

- Dabco PT305 is a registered trademark of Air Chemical Products, Inc.
- Dabco PT305 is available in a variety of sizes and concentrations.
- Dabco PT305 should be stored in a cool, dry place.
- Dabco PT305 should be disposed of in accordance with local, state, and federal 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.

**Technical and business Tel: Manager Wu 183 0190 3156**

**Technical support and business contacts E-mail: [info@newtopchem.com](mailto:info@newtopchem.com)**