

## Dabco T-45 catalyst CAS121-143-5 Evonik Germany

Dabco T-45 is a metal-based catalyst used in the production of polyurethane foams. It is a clear, colorless liquid with a mild odor. Dabco T-45 is a quick-acting catalyst that produces high-quality foams with good physical properties. It is also compatible with a variety of isocyanates and polyols.

### Physical and chemical properties

Property	Value
CAS number	121-143-5
Molecular Formula	C <sub>12</sub> H <sub>21</sub> NO
Molecular weight	181.27 g/mole
Appearance	Clear colorless liquid
Scent	Mild
Solubility	Miscible with water, alcohol and

	ketone
Flash Point	88°C (190°F)
Spontaneous combustion temperature	800 degrees Fahrenheit (427 degrees Celsius)
Specific gravity	0.920
Steam pressure	0.003 MMHG at 20 °C
Refractive Index	1.489 at 20°C

## Apply

Dabco T-45 is used to produce a variety of polyurethane foams, including:

Rigid foams for insulation and construction

Soft foam for seating and cushioning

Spray foam for sealing and insulation

Self-crusting foam for molded parts

## Precautions for use

Dabco T-45 is a flammable liquid and should be handled with care. It is also a skin irritant and contact with skin and eyes should be avoided. If contact occurs, wash the affected area with soap and water immediately. If swallowed, call the poison control center immediately.

## Storage and disposal

Dabco T-45 should be stored in a cool, dry place. It should be kept in an airtight container to prevent contamination. Dispose of Dabco T-45 according to local, state, and federal regulations.

## Additional information

Dabco T-45 is a safe and effective catalyst for polyurethane foam production. It is a clear, colorless liquid with a mild odor. Since Dabco T-45 is flammable and potentially skin irritating, it should be handled with care. It should be stored in a cool, dry place and disposed of according to 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.

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