

## Dabco T-1 catalyst CAS77-58-7 Evonik Germany

Dabco T-1 is a clear, colorless liquid with a mild odor. It is a strong gel catalyst with good hydrolysis stability. It is used in a variety of applications, including:

Rigid polyurethane foam

Polyurethane formula for sole

Epoxy resin

Unsaturated polyester resin

Cationic electrodeposition paint

### Physical and chemical properties

Properties	value
CAS number	58-77-7
Molecular Formula	C <sub>32</sub> H <sub>64</sub> O <sub>4</sub> Sn
Molecular weight	466.84 g/mole

appearance	Clear colorless liquid
Scent	Mild
Solubility	Miscible with water, alcohols and ketones
Flash Point	107°C (225°F)
Spontaneous combustion temperature	662 degrees Fahrenheit (350 degrees Celsius)
Specific Gravity	0.960
Steam pressure	0.004 MMHG at 20 °C
Refractive Index	1.500 at 20 °C

### Precautions for use

Dabco T-1 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-1 should be stored in a cool, dry place. It should be kept in an airtight container to prevent contamination. Dispose of Dabco T-1 according to local, state, and federal regulations.

### **Additional information**

Dabco T-1 is a safe and effective catalyst for a variety of applications. It is a clear, colorless liquid with a mild odor. Because Dabco T-1 is flammable and potentially irritating to the skin, 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.

### **Dabco T-1 with Dabco T-120**

Both Dabco T-1 and Dabco T-120 are clear, colorless liquids with a slight odor. They are both strong gel catalysts with good hydrolytic stability. However, there are some key differences between the two products.

Dabco T-1 is a catalyst that acts faster than Dabco T-120. This makes it ideal for applications that require fast curing times. The Dabco T-1 is also less expensive than the Dabco T-120.

The Dabco T-120 has a longer service life than the Dabco T-1. This makes it ideal for applications that require longer operating hours. Dabco T-120 is also more effective at curing isocyanates than Dabco T-1.



### Which product should you use?

The best product for you will depend on your specific application. If you need a quick-acting catalyst with a short application period, then Dabco T-1 is a good choice. If you need longer working time and better curing properties, then Dabco T-120 is the better choice.

### Shelf life:

Newtop Chemical Materials (Shanghai) Co.,Ltd.

Address: Rm1104 ,No. 258, West SongXing Road, BaoShan District, Shanghai, China.

Mobile Phone: +0086-183 0190 3151 E-mail: [info@newtopchem.com](mailto:info@newtopchem.com) [www.newtopchem.com](http://www.newtopchem.com)

Remain unopened for two years

**Storage and Transportation:**

Should be sealed, stored in a dry cool ventilated warehouse

**Packaging:**

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