

Polycat 46 catalyst CAS127-08-2 Evonik Germany

Polycat 46 is potassium acetate in a glycol based trimerization catalyst. It is used in semi-flexible molded instrument panel foams, rigid PIR board foams, rigid in-situ pouring systems, and energy-absorbing non-recyclable rigid foams.

Physical and chemical properties

Properties	value
CAS number	The 127-08-2
Molecular Formula	C ₂ H ₃ KO ₂
Molecular weight	96.16 g/mole
Appearance	Clear colorless liquid
Scent	Mild
Solubility	Miscible with water, alcohol and ketone

Flash Point	107°C (225°F)
Spontaneous combustion temperature	662 degrees Fahrenheit (350 degrees Celsius)
Specific Gravity	1.020
Steam pressure	0.004 MMHG at 20 °C
Refractive Index	1.430 at 20 °C

Apply:

Polycat 46 is used in a variety of applications, including:

Semi-flexible molded instrument panel foam

Hard PIR cardboard foam

Rigid cast-in-place system

Energy absorption non-recyclable rigid foam



Precautions for use:

Polycat 46 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:

Polycat 46 should be stored in a cool, dry place. It should be kept in an airtight container to prevent contamination. Dispose of Polycat 46 according to local, state, and federal regulations.

Additional information:

Polycat 46 is a safe and effective catalyst for a variety of applications. It is a clear, colorless liquid with a mild odor. Because Polycat 46 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.

Here is some additional information about Polycat 46:

- It is a clear, colorless liquid with a mild odor.
- It is potassium acetate in glycol-based trimerization catalysts.
- It is compatible with a variety of isocyanates and polyols.
- It 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.
- It should be stored in a cool, dry place.
- It should be kept in an airtight container to prevent contamination.

Shelf life:

Remained unopened for two years

Storage and Transportation:

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 www.newtopchem.com

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 support and business contacts E-mail: info@newtopchem.com