

RC Catalyst 106 catalyst CAS100-38-3 Rhine Chemistry

It is a fast curing water-based Catalyst for the production of polyurethane foams. It is a clear, colorless liquid with a mild odor. The active ingredient in RC Catalyst 106 is p-toluenesulfonic acid.

Physicochemical properties

Properties	value
CAS number	100-38-3
Molecular Formula	C7H8O3S
Molecular weight	172.17 g/mole
Density	1.20g/cm ³
Flash point	100 °C
Solubility	Miscible with water

Apply

Newtop Chemical Materials (Shanghai) Co.,Ltd.

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RC Catalyst 106 is used to produce a variety of polyurethane foams, including hard, soft and semi-hard foams. It is also used in the production of polyurethane elastomers and sealants.

Pros

RC Catalyst 106 has a number of advantages over other polyurethane catalysts, including:

It cures quickly, making it ideal for applications that require fast turnaround times.

It is water-based and therefore easy to use and clean up.

It is safe to handle and use.

It produces high quality foam with good physical properties.

Precautions for use

RC Catalyst 106 is a strong acid that can cause skin irritation and burns. It is important to wear gloves and safety goggles when handling RC Catalyst 106. It is also important to keep RC Catalyst 106 away from children and pets.

Storage

The RC Catalyst 106 should be stored in a cool, dry place. It should be stored in an airtight container to prevent moisture from entering.

Treatment

RC Catalyst 106 should be disposed of in accordance with local regulations. Always consult with a hazardous waste disposal company to ensure safe disposal of the RC Catalyst 106.

The following table lists the physical and chemical properties of RC Catalyst 106:

Properties	value
Looks	Clear colorless liquid
Scent	Mild
pH	2.0
Specific Gravity	1.20
Flash point	100 °C

Solubility	Miscible with water
Shelf life	1 year
Storage temperature	5-25 °C

RC Catalyst 106 is a versatile catalyst that can be used to produce a variety of polyurethane foams. It is fast curing, water based and safe to operate. The RC Catalyst 106 is ideal for applications where fast turnaround time, ease of use and safety are important considerations.



Shelf life:

Remain unopened for two years

Storage and Transportation:

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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