

Jeffcat ZF-54 catalyst CAS3033-62-3 Huntsman

Product Description

Jeffcat ZF-54 is a bis -(2-dimethylaminoethyl) ether in dipropylene glycol (ZF-22), partially neutralized by formic acid. It acts as a cocatalyst (delayed-action catalyst). Provides excellent curing and fluidity. Jeffcat ZF-54 is used in ether-based hard soft foam and HR molded soft foam.

Physicochemical properties

Property	Value
Looks	Clear colorless liquid
Scent	Mild, amine-like
pH	10.9
Specific gravity	0.9
Flash point	73 C (163 F)

Spontaneous combustion temperature	158 °C (316 °F)
Solubility	Miscible with water, alcohols and ketones
Stable	Stabilize at room temperature

CAS number

3033-62-3

Molecular Formula

C₈H₂₀N₂O

Molecular weight

160.26 g/mole



Apply

Jeffcat ZF-54 is used to catalyze the reaction of polyols and isocyanates to produce polyurethane foams. It is used in a variety of applications including:

Rigid foam

Soft foam

Spray foam

Molding foam

Styrofoam

Precautions for use

Jeffcat ZF-54 is a flammable liquid and should be handled with care. It should be stored in a cool, dry place away from heat sources and open flames. Jeffcat ZF-54 can irritate skin and eyes. If it comes into contact with skin or eyes, wash the affected area

with soap and water immediately. If inhaled, move to fresh air and seek medical attention if breathing becomes difficult.

Consult the safety data sheet for more information about Jeffcat ZF-54.

Here are some additional precautions to take when using a Jeffcat ZF-54:

- Wear gloves, goggles, and a respirator when handling a Jeffcat ZF-54.
- Avoid inhaling vapor or smoke.
- Do not eat or drink while using Jeffcat ZF-54.
- Wash your hands thoroughly after handling Jeffcat ZF-54.

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