

Amine Catalysts for Polyurethane Foam

TOYOCAT-ETF

1. Characteristics

- * TOYOCAT-ETF is a delayed action catalyst, which exhibits mild initial activity without losing its excellent overall catalytic properties.
- * When used in applications for complex large molds, TOYOCAT-ETF exhibits not only excellent foam flowability, but also fast curing functions.

2. Typical Properties

Appearance	Amber liquid
Specific Gravity $\mathring{\mathbb{D}}_{20}^{0}$	1.05
Water Content (%)	< 2.0
Solubility in Water	
Freezing Point ()	< -20
Flash Point () [T.C.C]	73
Viscosity (mPa s) (at 25)	63
Calculated OH number (mgKOH/g)	824

3. Toxicity

Oral (rat) LD_{50} 1260 mg/kg

4. Handling and Storing

This product has a low vapor pressure and toxicity, however handling in well ventilated area is recommended.

When this product comes into direct contact with the eyes or skin, inflammation will occur. Wearing protective gear or applying protective cream is most effective when handling. In the event that contact is made with the eyes or skin, wash immediately with large amount of water. If the eyes are affected, seek medical attention after washing. This product may turn slightly darker when stored over long periods of time. However, catalytic activity will not be affected.

5 Shipping information

Net weight

Packaging	kg	1b
Drum (200L)	200	440
(20L)	18	40

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