



1. Characteristics

- * TOYOCAT-F22 is a strong gelling catalyst, which exhibits an excellent delayed-action and high thermosensitive catalytic activity to improve curing speed.
- * TOYOCAT-F22 provides improved foam skin formation and curing function in all water blown integral skin foam systems.
- * TOYOCAT-F22 remarkably improves foam curing speed in shoe sole and elastomer polyurethane foam production along with delayed cream time.

2. Typical Properties

Appearance	Yellowish clear liquid
Specific Gravity D_{20}^{20}	1.10
Water Content (%)	< 0.5
Solubility in Water	
Freezing Point ()	< -10
Flash Point () [C.O.C]	92
Viscosity (mPa s) (at 25)	160
Calculated OH number (mgKOH/g)	814

3. Toxicity

Oral (rat) LD ₅₀	1355 mg/kg
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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)	20	44

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