



1. Characteristics

TOYOCAT-B20, B54

- * These products are delayed action catalyst systems, which exhibits a desirable balance in catalytic activity for polyurethane foaming reactions.
- * In rigid foam systems, they exhibit improved flowability along with excellent moldability.
- * In the appliance insulation application, these products produce foams with an extremely small and uniform cell structure along with low k-factor.
- * These products can also be used in the production of other polyurethane as delayed-action catalyst systems.

2. Typical Properties

	B20	B54
Appearance	Amber liquid	Amber liquid
Specific Gravity D ₂₀	1.08	1.05
Water Content(%)	< 1.5	< 1.0
Solubility in Water		
Freezing Point ()	< -20	< -10
Flash Point ()	77(T.C.C)	76(T.C.C)
Viscosity (mPa s, 25)	61	81
OH Value	988	900

3. Toxicity

Oral (rat) LD ₅₀ (mg/kg)	1943	2508
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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	B20	B54
Drum (200L)	200(440)	200(440)
(20L)	20 (44)	20 (44)

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