

Amine Catalysts for Polyurethane Foam

TOYOCAT-D60

1. Characteristics

- * TOYOCAT-D60 has less odor and exhibits a mild gelling activity which is not thermosensitive, that is, its catalytic activity is not strongly dependent on temperature.
- * TOYOCAT-D60 provides improved moldability and curing function even at low mold temperature in flexible molded foam systems.
- * TOYOCAT-D60 can be also used for flexible slabstock and rigid foams.

2. Typical Properties

Appearance	Yellowish clear liquid
Specific Gravity D ₂₀ ²⁰	0.79
Water Content (%)	< 0.5
Solubility in Water	Insoluble
Freezing Point ()	< -20
Flash Point () [C.O.C]	112
Viscosity (mPa s) (at 25)	39

Calculated OH number (mgKOH/g) 0

3. Toxicity

Oral (rat) LD_{50} 740 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.

This product has a possibility of precipitating the white sediments by forming the carbonates with carbon dioxide in air. So it needs to displace the inside with nitrogen and keep the drum airtight after opening.

5 Shipping information

Net weight

Packaging	kg	1b
Drum (200L)	150	330
(20L)	15	33

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