

Amine Catalysts for Polyurethane Foam

TOYOCAT-M Series

1. Characteristics

- * TOYOCAT-M series are designed specifically to provide good flowability and improved moldability in HR and semi-rigid foams for automotive parts production.
- * TOYOCAT-M30 is recommend for a relatively low mold temperature.
- * TOYOCAT-M series are also useful for flexible, rigid and elastomer polyurethane products.

2. Typical Properties

Appearance	M30 Colorless clear liquid	M50 Colorless clear liquid
Specific Gravity D ₂₀	0.85	0.90
Water Content(%)	< 0.5	< 0.5
Solubility in Water		
Freezing Point ()	< -5	< -10
Flash Point ()(T.C.C)	74	74
Viscosity (mPa s, 25)	3.5	7
OH Value	132	278

3. Toxicity

Oral (rat) LD ₅₀	900	1241
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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	M30	M50
Drum (200L)	170kg (374 1b)	170 (374)
(20L)	16 (35)	17 (37)

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