

Performance Chemicals Handels GmbH

Product Information PC CAT® T 120

General Information

The PC CAT® series comprises a broad range of amine and metal based products promoting all types of polyurethane reactions such as blowing and gelling as well as the crosslinking

reactions. This series offers suitable catalysts to improve among others processing, flowability, surface cure and the physical properties of the final polyurethane.

Chemical and Physical Data

Properties	Unit	Typical values	Sales specifications
Appearance		yellowish liquid	
Tin content	wt %	18.5	min. 18
Color	Gardner	< 3	
Density at 20 °C	g/cm³ (lb/ft³)	1.02 (63.7)	1.02 ± 0.01 (63.7 ± 0.6)
Refraction index		1.499	
Flash point	°C (°F)	> 100 (> 212)	

Chemical Nature

Dibutyltinmercaptide

A Material Safety Data Sheet with all relevant information is available on request.

Application

PC CAT® T 120 is mainly used to catalyse the cross-linking of the polyol-isocyanate reaction, similar to PC CAT® T 12, but providing a longer cream-time combined with a shorter final curing time.

Transport and Packaging

PC® CAT T 120 is classified in the terms of transport regulation as follows:

Land: ADR/RID-GGVSE: 9, III

Sea: IMDG/GGVSee: 9, III; UN 3082

Air: ICAO-TI/IATA-DGR: 9, III

Safety and Handling

GHS Classification

Hazard

Pictograms



Danger

Muta 2 (H341)

Repr. 1A (H360)

STOT RE 1 (H372)

Acute Tox. 4 (H312)

Skin Irrit. 2 (H315)

Skin Sens. 1 (H317)

Aquatic Chronic 1 (H410)

Packaging type:

Cans of 25 kg (55 lbs), other packaging available on request.

Storage

Keep away from air, protect against light, heat and humidity. Shelf life 12 months in originally closed and sealed drums under proper storage conditions.

Avoid inhalation / ensure adequate exhaustion at the working place. Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and eye / face protection.

Performance Chemicals Handels GmbH - Steinbecker Str. 102 K - D-21244 Buchholz

Office Hamburg: Performance Chemicals H. GmbH - Liebigstr. 2-20 - D-22113 Hamburg - Tel. / Fax: +49 (0) 40 8224 5678-9 / -1

Internet: www.polyurethanes.de - E-Mail: info@polyurethanes.de

This information is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party patent rights. In particular, no guarantee of properties in the legal sense is implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Reference to trade names used by other companies is neither a recommendation, nor is it intended to suggest that similar products could not be used. All our business transactions shall exclusively be governed by our General Sales Conditions.