



TIB KAT 517

Description

TIB KAT 517 is a liquid catalyst based on an organotitanate chelate.

TIB KAT 517 can be applied mainly for the curing of silicones, silanes and silane terminated polymer systems, especially for

- 📦 MS / STP / STPU polymer systems
- 📦 curing of RTV-silicones

TIB KAT 517 is sensitive to moisture and therefore contact has to be minimized. At higher humidity weather conditions hydrolyses can be occur and leads to decreasing flash points.

Product Data

| | |
|-------------------|-----------------------------------------------|
| Chemical Name | Di(isobutoxy)-bis-(ethylacetoacetato)titanate |
| CAS No. | 83877-91-2 |
| Molecular weight | 452.36 g/mol |
| Aggregation state | liquid |

Specification

| | |
|----------------|---------------------------------|
| Ti content | ≥ 16.0 % |
| Density (20°C) | 1.070 – 1.090 g/cm ³ |

Storage

TIB KAT 517 can be stored at least 12 months from date of delivery if kept closed in the original packaging at ambient temperature and in a dry place protected against temperature raise and excessive of humidity. Inertisation of once opened drums with nitrogen is recommended.

Packaging

25 kg pail, 50 kg pail, 200 kg drum, 1000 kg IBC, other packaging size upon request.

Packaging USA

Packaging size upon request.

Special advice for Security

Information concerning

- 📦 classification and labelling according to the regulations governing transport and hazardous chemicals
- 📦 protective measures for storage and handling
- 📦 safety measures in case of accident and fire
- 📦 toxicity and ecological effects

is given in our material safety data sheet.

Customs Tariff No.: 2931 9000



TIB KAT 517

Product Carbon Footprint (PCF)

Created by: KlimAktiv Consulting GmbH

| PCF-results (emissions) | Value (Mannheim) | Value (Pittsburgh) | Unit |
|-----------------------------------------|------------------|--------------------|--------------------------|
| Sum of PCFs (Cradle-to-gate) | - | - | kg CO ₂ eq/kg |
| PCF excluding biogenic emissions | - | - | kg CO ₂ eq/kg |
| Biogenic emissions | - | - | kg CO ₂ eq/kg |

The Product Carbon Footprint (PCF) covers one of several environmental impacts of chemical products. The PCF does not allow comprehensive conclusions about the overall environmental performance of the product. Comparisons of PCFs from different data sources are only possible to a limited extent. The PCF presented here applies to the product sold by TIB Chemicals.

The PCF is based on data of the accounting year 2024 and follows the calculation method outlined in ISO 14067, the TfS Guideline, the BASF Guideline, the cradle-to-gate system boundaries, the declared unit kg CO₂e/kg product (excl. packaging) and the sum of different emissions from Scope 1, 2 and 3 (raw material and preliminary products (e.g. secondary data), transportation of purchased products and inbound logistics, as well as company- and site-specific processes including primary energy consumption, electricity and heat consumption). The emissions from biogenic carbon and land-use changes are considered as far as data sources are available.