

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION



Titanium precursor for CVD

'MO-CVD

BP: 232 °C / 450 °F (1013 hPa)

'TTIP- TITANIUMTETRAISOPROPOXIDE

PRODUCT DATASHEET

'TTIP- TITANIUMTETRAISOPROXIDE

IDENTIFICATION

CAS-No:	546-68-9
EC-No:	208-909-6
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	0.9 Torr (50 °C)
Density:	0.96 g/cm ³
Molweight:	284.2 g/mol
Melting point:	17 °C / 63 °F
Boiling point:	232 °C / 450 °F (1013 mbar)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Flammable, Corrosive
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	3
UN-no:	2413, PG III
IMDG	
IMDG -class:	3
UN-no:	2413, PG III
ICAO/IATA	
ICAO/IATA-class:	3
UN-no:	2413, PG III – AIRFREIGHT ALLOWED

For further details please refer to Safety Data Sheet (SDS)

PACKAGING & STANDARD FILLING VOLUMES

TTIP.100.DOCK/10.150	100g / 150ccm cyl.
TTIP.300.DOCK/10.400	300g / 400ccm cyl.
TTIP.500.DOCK/10.600	500g / 600ccm cyl.
TTIP.750.DOCK/10.1000	750g / 1000ccm cyl.
TTIP.2500.DOCK/10.3000	2500g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

TiO₂ deposition

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

Dockweiler Chemicals GmbH

Emil-von-Behring-Strasse 76 35041 Marburg Germany

T +49 6421 396 -380 | F +49 6421 396 -381

sales@dockchemicals.com

PRODUCT DATASHEET

www.dockchemicals.com