

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Liquid Tin-Precursor for Chemical
Vapor Deposition

'MO-CVD

BP: 181 °C/356 °F/1013 hPa

'TESn- TETRAETHYL TIN

PRODUCT DATASHEET

'TES_n- TETRAETHYL TIN

IDENTIFICATION

CAS-No:	597-64-8
EINECS/ELINCS-No:	209-906-2
Other name:	none

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{Torr}) = 8.9047 - 2739/T(\text{K})$
Density:	1.187 g/m ³
Molweight:	166.9 g/mol
Melting point:	-112 °C/-170 °F
Boiling point (1013 mbar):	181 °C/356 °F

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	200 mg(Sn)/m ³ is immediately dangerous to life
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID 2007	
ADR/RID-class:	6.1
UN-no:	3384 – DEDICATED TRANSPORT
IMDG Arndt. 33-06	
IMDG/GGVSee-class:	6.1
UN-no:	3384 – DEDICATED TRANSPORT
ICAO/IATA 2007	
ICAO/IATA-class:	6.1
UN-no:	3384 –AIR FREIGHT FORBIDDEN

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

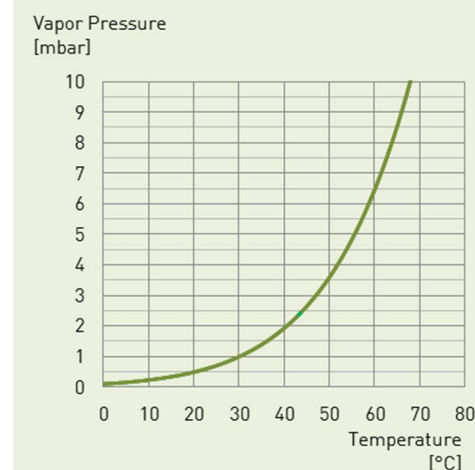
PACKAGING & STANDARD FILLING VOLUMES

TES_n.100.DOCK/10.150	100g / 150ccm cyl.
TES_n.400.DOCK/10.400	400g / 400ccm cyl.
TES_n.1000.DOCK/10.1000	1000g / 1000ccm cyl.
TES_n.3000.DOCK/10.3000	3000g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

Tin precursor for CVD application.

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PRODUCT DATASHEET

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