

TSi

TRISILANE

Physical Properties

Vapor pressure equat.:	$\log(p(\text{bar})) = 4.17983 - 1257.796 / (T(K) - 25.726)$
Density:	0.74 g/cm ³
Molweight:	92.3 g/mol
Melting point:	-117.4 °C / -179.3 °F
Boiling point:	52.9 °C / 127.2 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Pyrophoric, Skin/eye irritation, may cause respiratory irritation
Thermal decomposition:	
ADR/RID-class:	4.2
UN-no:	3194, PG I
IMDG-class:	4.2
UN-no:	3194, PG I
ICAO/IATA-class:	4.2
UN-no:	3194, PG I – AIRFREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

TSi.100.DOCK/10.150	100g / 150ccm cyl.
TSi.250.DOCK/10.400	250g / 400ccm cyl.
TSi.400.DOCK/10.600	400g / 600ccm cyl.
TSi.650.DOCK/10.1000	650g / 1000ccm cyl.
TSi.2000.DOCK/10.3000	2000g / 3000ccm cyl.

Product Description

Name:	TRISILANE
CAS-Number:	7783-26-8
Element:	Si
Molecular Formula:	Si ₃ H ₈

Quality Standards

EG Electronic Grade

Application

EG Electronic Grade

Vapor Pressure

Vapor Pressure
[mbar]

