

TRIS(DIMETHYLAMINO)SILANE

TDMASi

 **Product description**

Name: TRIS(DIMETHYLAMINO)SILANE

CAS-Number: 15112-89-7

Application: ALD and CVD precursor

Element: Si

TRIS(DIMETHYLAMINO)SILANE

TDMASi

Physical Properties

Vapor pressure equat.: 9.33 mbar at 20 °C / 17.33 mbar at 36 °C / 21.33 mbar at 40 °C

Density: 0.84 g/cm³

Molweight: 161.32 g/mol

Melting point: -90 °C / -130 °F

Boiling point: 145-148 °C / 293-298 °F

Sublimation point:

Chemical Properties

Stability: Stable under recommended storage conditions

State of matter: Liquid

Safety & Transport

Toxicity: n.a.

Thermal decomposition:

ADR/RID-class: 4.3

UN-no: 3398

IMDG-class: 4,3

UN-no: 3398

ICAO/IATA-class: 4,3

UN-no: 3398 – AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

TDMASi.100.DOCK/10.150 100g / 150ccm cyl.

TDMASi.290.DOCK/10.400 290g / 400ccm cyl.

TDMASi.425.DOCK/10.600 425g / 600ccm cyl.

TDMASi.725.DOCK/10.1000 725g / 1000ccm cyl

TDMASi.2100.DOCK/10.3000 2100g / 3000ccm cyl

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

ALD and CVD precursor



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