



>>Entry Name: Silicon(*II*) oxide (SiO)

Synonym(s): Silicon monoxide

CAS Registry Number: 10097-28-6

Extra CAS Registry Numbers(s): 113443-18-8

SiO

Molecular Formula: OSi

Molecular Weight: 44.085

Accurate Mass: 43.971842

Percentage Composition: O 36.29%; Si 63.71%

Physical Description: White cubes

Melting Point: Mp 1702°

Boiling Point: Bp 1880°

Solubility: Insol. H₂O; sol. dil. HF/HNO₃

Other Data: Metastable

Aldrich: 26294-3

Fluka: 85365

References:

Pasechnik, Yu.A. *et al.*, *Ukr. Khim. Zh. (Russ. edn.)*, 1977, **22**, 1703, (*ir*)

Neumann, H.G. *et al.*, *Phys. Status Solidi A*, 1979, **54**, K107, (*cryst struct*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, SDH000