



# Product Specification

## Product Name: SILICON Powder TG

Alternate Name(s) Silicon powder.

### Description

Darl brown powder; odourless.

### Properties

Chemical Formula: Si  
Molecular Weight: 28.08

Product Code: ST054  
CAS No. 7440-21-3

### General Information:

Insoluble in water, nitric acid and hydrochloric acid; soluble in molten alkali oxides and mixture of nitric and hydrofluoric acids. Burns in chlorine and fluorine

### Hazard and Safety Data

UN Group: III  
Class: 4.1  
UN Number: 1346  
Hazchem code: 1[Z]  
CS MSDS Code: 1CH5Z  
Poison schedule: Not Scheduled  
Emergency  
Procedure Guide No.: 29

### Quality Specification

Assay: 97.0% min.

### Specific Properties and Impurities [Typical levels]:

Melting point	1410 °C
Iron	≤ 0.60 %
Calcium	≤ 0.30 %
Aluminium	≤ 0.40 %

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