

# Safety data for silicon carbide

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[Glossary](#) of terms on this data sheet.

The information on this web page is provided to help you to work safely, but it is intended to be an overview of hazards, not a replacement for a full Material Safety Data Sheet (MSDS). MSDS forms can be downloaded from the web sites of many chemical suppliers.

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## General

Synonyms:

Use:

Molecular formula: SiC

CAS No: 409-21-2

EC No: 206-992-8

## Physical data

Appearance: light grey powder

Melting point: 2700 C

Boiling point:

Vapour density:

Vapour pressure:

Density (g cm<sup>-3</sup>): 3.22

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: insoluble

## Stability

## Toxicology

Skin, eye and respiratory irritant. Nuisance dust. Experimental tumorigen.

### Toxicity data

(The meaning of any abbreviations which appear in this section is given [here](#).)

### **Risk phrases**

(The meaning of any risk phrases which appear in this section is given [here.](#))

R36 R37 R38.

## **Transport information**

Non-hazardous for air, sea and road freight.

## **Personal protection**

Adequate ventilation. Safety glasses.

### **Safety phrases**

(The meaning of any safety phrases which appear in this section is given [here.](#))

S26.

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