

Safety Information

Revision date: 21st September, 2020

Revision no.: 1

Page: 3/6

1317-37-9 iron sulphide	
REL	Long-term value: 1 mg/m ³ as Fe
TLV	Long-term value: 1 mg/m ³ as Fe
409-21-2 silicon carbide	
PEL	Long-term value: 15* 5** mg/m ³ fibrous dust: *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	Long-term value: 10* 3** mg/m ³ fibrous dust: 0.1 f/cc; nonfibrous: *inh., **resp.

8.2 Exposure controls / Personal protective equipment

Respiratory protection	Suitable respiratory protective device recommended Dust mask FFP2
Hand protection	Protective-gloves (dust-resistant)*
Eye protection	Safety goggles with side protection.*
Skin protection	Dust resistant protective clothing.*
* recommended for mechanical processing	
Protective and hygiene measures	Do not breathe dust. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with the general hygienic rules.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	solid
Colour	grey
Odour	characteristic

Changes in the physical state

Flash point	n.a.
Lower explosion limits:	n.a.
Upper explosion limits:	n.a.
Ignition temperature:	n.a.
Water solubility: (at 20 °C)	insoluble

10. Stability and reactivity

Reactivity	No decomposition if stored and applied as directed.
Chemical stability	Stable under normal conditions
Hazardous decomposition products	Long-term exposures at temperatures > 300 °C can lead, depending on reaction conditions, to the release of carbon monoxide, aromatic and aliphatic hydrocarbons and traces of other gases in variable composition.