

Safety Data Sheet

Issue Date: 2015/12

Revised: 2018/1

Side: 3/5

Graphite (7782-42-5)

ACGIH: 2 mg/m³ TWA (respirable fraction, all forms except graphite fibers)

OSHA: 2.5mg/m³ TWA (respirable dust).

NIOSH: 3mg/m³ TWA (respirable dust).

Barium sulfate (7727-43-7)

ACGIH: 10 mg/m³ TWA

OSHA: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)

NIOSH: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

Calcium Carbonate (471-34-1)

ACGIH: 5 mg/m³ TWA

OSHA: 5 mg/m³ TWA (not in effect as a result of reconsideration)

NIOSH: 5 mg/m³ TWA

Steel Fiber (7439-89-6)

ACGIH: 0.2 mg/m³ TWA (fume); 1mg/m³ TWA (dusts and mists, as Fe)

OSHA: 0.1mg/m³ TWA (fume, dusts, mists, asFe)

NIOSH: 1mg/m³ TWA (dusts and mists); 0.1mg/m³ TWA (fume)

8.1.2 Exposure limits for Particulates not otherwise regulated (Nuisance dust)

OSHA:

PEL: 15mg/m³ total dust; 5 mg/m³ respirable fraction

ACGIH:

TLV: 10mg/m³ total dust; 3 mg/m³ respirable fraction

8.2 General Measures for Protection and Hygienic: Don't eat, drink or smoke while working.

8.3 Respiratory Protection: Use NIOSH-approved respirator if exposure to dust in concentrations exceeding PEL's or TLV's is possible.

8.4 Hand Protection: Wear protective rubber glove; Wash thoroughly after handling.

8.5 Body Protection: Wear light protecting clothes.

8.6 Eye Protection: Wear protective eye glasses

9. Physical and Chemical Properties

9.1 Characteristics

9.1.1 Physical State:	Solid
9.1.2 Color:	Grey
9.1.3 Odor:	Not characteristic
9.1.4 Density @20°C	2.3 g/cm ³
9.1.5 Solubility:	Practically insoluble in water
9.1.6 pH @20°C	11

10. Stability and Reactivity

10.1 Substances to be avoided: See Section 7.2.1

10.2 Chemical Stability: The product is stable under normal ambient temperature and