

Environmental precautions

Avoid discharge into drains, water courses or onto the ground. Collect and dispose of spillage as indicated in Section 13 of the SDS.

7. Handling and storage**Precautions for safe handling**

Provide adequate ventilation. Avoid dust formation. Avoid inhalation of dust and contact with skin and eyes. Use work methods which minimize dust production. See Section 8 of the SDS for Personal Protective Equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in tightly closed original container. Avoid conditions which create dust. Protect against direct sunlight.

8. Exposure controls/personal protection**Occupational exposure limits****U.S. - OSHA****Components****Type****Value****Form**

Calcined petroleum coke
(CAS 64743-05-1)

PEL

5 mg/m³

Respirable fraction.

Carbon (CAS 7440-44-0)

PEL

15 mg/m³

Total dust.

5 mg/m³

Respirable fraction.

15 mg/m³

Total dust.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**Components****Type****Value****Form**

Aluminum oxide (CAS
1344-28-1)

PEL

5 mg/m³

Respirable fraction.

15 mg/m³

Total dust.

Antimony sulfide (CAS
1345-04-6)

PEL

0.5 mg/m³

Barium sulphate (CAS
7727-43-7)

PEL

5 mg/m³

Respirable fraction.

15 mg/m³

Total dust.

Copper (CAS 7440-50-8)

PEL

1 mg/m³

Dust and mist.

0.1 mg/m³

Fume.

Graphite (CAS 7782-42-5)

PEL

5 mg/m³

Respirable fraction.

15 mg/m³

Total dust.

Magnesium oxide (CAS
1309-48-4)

PEL

15 mg/m³

Total particulate.

Zirconium dioxide (CAS
1314-23-4)

PEL

5 mg/m³

Zirconium silicate
(ZrO₂·SiO₂) (CAS
10101-52-7)

PEL

5 mg/m³

US. OSHA Table Z-3 (29 CFR 1910.1000)**Components****Type****Value****Form**

Aluminum oxide (CAS
1344-28-1)

TWA

5 mg/m³

Respirable fraction.

15 mg/m³

Total dust.

50 mppcf

Total dust.

15 mppcf

Respirable fraction.

Barium sulphate (CAS
7727-43-7)

TWA

5 mg/m³

Respirable fraction.

15 mg/m³

Total dust.

50 mppcf

Total dust.

15 mppcf

Respirable fraction.

Carbon (CAS 7440-44-0)

TWA

5 mg/m³

Respirable fraction.

15 mg/m³

Total dust.

Graphite (CAS 7782-42-5)

TWA

15 mppcf

Magnesium oxide (CAS
1309-48-4)

TWA

5 mg/m³

Respirable fraction.

15 mg/m³

Total dust.

50 mppcf

Total dust.

15 mppcf

Respirable fraction.

Mica (CAS 12001-26-2)

TWA

20 mppcf

Mullite (CAS 1302-93-8)

TWA

5 mg/m³

Respirable fraction.