

8. Exposure controls/personal protection

Occupational exposure limits

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.
Barium sulphate (CAS 7727-43-7)	PEL	15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Calcium carbonate (CAS 471-34-1)	PEL	15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Calcium dihydroxide (CAS 1305-62-0)	PEL	15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Cellulose (CAS 9004-34-6)	PEL	15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Graphite, Amorphous (CAS 7782-42-5)	PEL	15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
		15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value
Graphite, Amorphous (CAS 7782-42-5)	TWA	15 mppcf

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
Barium sulphate (CAS 7727-43-7)	TWA	5 mg/m3	Inhalable fraction.
Calcium dihydroxide (CAS 1305-62-0)	TWA	5 mg/m3	
Cellulose (CAS 9004-34-6)	TWA	10 mg/m3	
Graphite, Amorphous (CAS 7782-42-5)	TWA	2 mg/m3	Respirable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Barium sulphate (CAS 7727-43-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Calcium carbonate (CAS 471-34-1)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Calcium dihydroxide (CAS 1305-62-0)	TWA	5 mg/m3	
Cellulose (CAS 9004-34-6)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Graphite, Amorphous (CAS 7782-42-5)	TWA	2.5 mg/m3	Respirable.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Use explosion-proof electrical equipment if airborne dust levels are high. Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of dust.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety goggles.