

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

Components	Type	Value	Form
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

**ACGIH**

Components	Type	Value	Form
Calcined petroleum coke (CAS 64743-05-1)	TWA	3 mg/m3	Respirable fraction.
Carbon (CAS 7440-44-0)	TWA	10 mg/m3 3 mg/m3 10 mg/m3	Total dust. Respirable particles. Inhalable particles.

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
Antimony sulfide (CAS 1345-04-6)	TWA	0.5 mg/m3	
Barium sulphate (CAS 7727-43-7)	TWA	5 mg/m3	Inhalable fraction.
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0.2 mg/m3	Dust and mist. Fume.
Graphite (CAS 7782-42-5)	TWA	2 mg/m3	Respirable fraction.
Magnesium oxide (CAS 1309-48-4)	TWA	10 mg/m3	Inhalable fraction.
Mica (CAS 12001-26-2)	TWA	3 mg/m3	Respirable fraction.
Mullite (CAS 1302-93-8)	TWA	1 mg/m3	Respirable fraction.
Zirconium dioxide (CAS 1314-23-4)	STEL	10 mg/m3	
	TWA	5 mg/m3	
Zirconium silicate (ZrO <sub>2</sub> ·SiO <sub>2</sub> ) (CAS 10101-52-7)	STEL	10 mg/m3	
	TWA	5 mg/m3	

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
Antimony sulfide (CAS 1345-04-6)	TWA	0.5 mg/m3	
Barium sulphate (CAS 7727-43-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Carbon (CAS 7440-44-0)	TWA	2.5 mg/m3	Respirable.
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0.1 mg/m3	Dust and mist. Fume.
Graphite (CAS 7782-42-5)	TWA	2.5 mg/m3	Respirable.
Mica (CAS 12001-26-2)	TWA	3 mg/m3	Respirable.
Poly (p-phenylenediamine terephthalamide) (CAS 26125-61-1)	TWA	3 fibers/cm3	Fibrous dust.
		3 fibers/cm3	Fiber.
		5 mg/m3	fibers, total dust
		5 mg/m3	Fiber, total
Zirconium dioxide (CAS 1314-23-4)	STEL	10 mg/m3	
	TWA	5 mg/m3	
Zirconium silicate (ZrO <sub>2</sub> ·SiO <sub>2</sub> ) (CAS 10101-52-7)	STEL	10 mg/m3	