

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Zirconium dioxide (CAS 1314-23-4)	STEL	10 mg/m3	
	TWA	5 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
1,4-benzenedicarbonyl dichloride polymer with 1,4-benzenediamine (CAS 26125-61-1)	TWA	3 fibers/cm3	Fiber.
		3 fibers/cm3	Fibrous dust.
		5 mg/m3	fibers, total dust
		5 mg/m3	Fiber, total
Barium sulphate (CAS 7727-43-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Calcium dihydroxide (CAS 1305-62-0)	TWA	5 mg/m3	
Calcium silicate (CAS 1344-95-2)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Graphite (CAS 7782-42-5)	TWA	2.5 mg/m3	Respirable.
Mica (CAS 12001-26-2)	TWA	3 mg/m3	Respirable.
Tin Powder (CAS 7440-31-5)	TWA	2 mg/m3	
Zinc sulphide (CAS 1345-05-7)	TWA	0.5 mg/m3	
Zirconium dioxide (CAS 1314-23-4)	STEL	10 mg/m3	
	TWA	5 mg/m3	

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.

Skin protection**Hand protection**

Wear protective gloves (i.e. latex, nitrile). Suitable gloves can be recommended by the glove supplier.

Other

Wear suitable protective clothing.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. During dust-raising work: In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Respirator type: Any powered, air-purifying respirator with a high-efficiency particulate filter.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties**Appearance**

Solid (article).

Physical state

Solid.

Form

Solid (Disc pad).

Color

Brownish grey.

Odor

None.

Odor threshold

Not applicable.

pH

Not applicable.