

SECTION-8 EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure guidelines :**

Ingredient Name	CAS No	OSHA PEL	ACGIH TLV
Calcium hydroxide	1305-62-0	15mg/m ³ TWA(total dust) 5mg/m ³ TWA(respirable fraction)	5mg/m ³ TWA
Silica/Quarts(impurity)	4808-60-7	30/(SiO ₂ %+2)mg/m ³	0.025mg/m ³ TWA
Calcium carbonate	471-34-1	5mg/m ³ TWA(respirable fraction) 15mg/m ³ TWA(Total dust)	10mg/m ³ TWA
Cellulose	9004-34-6	15mg/m ³ TWA(total dust) 5mg/m ³ TWA(respirable fraction)	10mg/m ³ TWA
Kaolin	1332-58-7	15mg/m ³ TWA(total dust) 5mg/m ³ TWA(respirable fraction)	2mg/m ³ TWA
Glass fiber	65997-17-3	5mg/m ³ TWA(respirable fraction) 15mg/m ³ TWA (Total dust)	3mg/m ³ TWA (respirable); 10g/m ³ (Total dust)
Carbon black	1333-86-4	3.5mg/m ³ TWA(dust)	3.5mg/m ³ TWA
Barium sulfate	7727-43-7	15mg/m ³ TWA (total dust) 5mg/m ³ TWA(respirable fraction)	10mg/m ³ TWA
Cured Phenolic Resin	none	none	none

Engineering controls :

Friction materials are molded articles and neither gives off nor reveals hazard materials. But machining (grinding, drilling, etc.) can result in the release of airborne dust, and dust excess OSHA permissible exposure Level (PEL) is considered hazardous.

Personal Protective Equipment :

Eye/face protection : Safety glasses are recommended.

Skin protection : Nitrile rubber gloves are recommended.

Respiratory protection : Not required under normal conditions and adequate ventilation. If the exposure limit is exceeded, use of NIOSH approved face mask(N-95 or better) is recommended.

In the case of fire or explosion, Self Contained Breathing Apparatus (SCBA) should be used.

General hygiene considerations : Wash thoroughly after handling.