Components	Species	Test Results
Calcium carbonate (CAS 471-34-1)		
Acute		
Oral		
LD50	Rat	6450 mg/kg
Calcium hydroxide (CAS 1305-62-0)		
Acute		
Oral		
LD50	Rat	7340 mg/kg

Sensitization Not a skin sensitizer.

Acute effects The ingredients may be released as general dust from the product by operations such as overheating, burning, machining, abrading, or riveting. Dust may cause eye, skin and respiratory tract irritation. Inhalation may lead to deposition in lung and in sufficient quantities produce baritosis. Inhalation of powder or fumes may cause metal fume fever.

Chronic effects The ingredients may be released as general dust from the product by operations such as overheating, burning, machining, abrading, or riveting. May cause lung damage. May cause damage to the liver and kidneys.

Carcinogenicity Not classified.

ACGIH Carcinogens

Aluminum oxide (CAS 1344-28-1)	A4 Not classifiable as a human carcinogen.
Zirconium dioxide (CAS 1314-23-4)	A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Antimony sulfide (CAS 1345-04-6)	3 Not classifiable as to carcinogenicity to humans.
Aramid fiber (CAS 26125-61-1)	3 Not classifiable as to carcinogenicity to humans.
Wollastonite (CAS 13983-17-0)	3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Mutagenicity No data available.

Reproductive effects No data available.

Symptoms and target organs Exposed individuals may experience eye tearing, redness, and discomfort.

12. Ecological Information

Ecotoxicological data

Components		Species	Test Results
Barium sulphate (CAS 7727-43-7)			
Aquatic			
Crustacea	EC50	Tubificid worm (Tubifex tubifex)	28.61 - 38.03 mg/l, 48 hours
Calcium hydroxide (CAS 1305-62-0)			
Aquatic			
Fish	LC50	Zambezi barbel (Clarias gariepinus)	33.8844 mg/l, 96 hours
Copper (CAS 7440-50-8)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	0.0318 mg/l, 48 hours
Fish	LC50	Chinook salmon (Oncorhynchus tshawytscha)	0.02 mg/l, 96 hours

Ecotoxicity Not relevant, due to the form of the product in its manufactured and shipped state.

Persistence and degradability The product contains inorganic compounds which are not biodegradable.

Bioaccumulation / accumulation No data available.

Mobility in environmental media The product is insoluble in water and will sediment in water systems.

Other adverse effects Not relevant.