MULLITE
A mixture of bauxitic kaolin and amorphous glass. May contain small amounts of crystalline silica. **Inhalation hazards –** Dust may cause irritation of nasal and respiratory tracts. Long term exposure may aggravate pre-existing respiratory conditions and may cause pneumoconiosis (kaolinosis). **Other hazards –** May cause irritation to the skin and eyes. Can cause abrasive damage to outer eye surface.
Non-toxic if ingested.

NITRILE RUBBER
Inhalation hazards – Gases and fumes from thermal processing or decomposition of this product may cause irritation of respiratory tract, skin and eyes. **Other hazards –** Eyes – may cause eye irritation if material introduced into the eye. Eyes may feel scratchy, become red, and tear.

PHENOLIC RESIN – CURED
Inhalation hazards – Dust may cause irritation of nasal and respiratory tracts. If formaldehyde vapors are present, inhalation may cause a form of nasal cancer. **Other hazards** – Prolonged exposure can cause irritation, redness, and tearing of the eyes and may lead to sensitization of the skin and dermatitis.

STEEL FIBER
An odorless gray metal containing iron, manganese, and silicon. **Inhalation hazard - Acute:** metal fume fever with symptoms of chills, fever, cough, muscle aches and difficulty in breathing from manganese; silicon can cause respiratory tract irritation. **Chronic:** repeated exposure to iron over time may cause lung changes, benign pneumoconiosis; cumulative central nervous system and lung damage may occur with manganese as well as insomnia, malaise and asthenia; may cause irritation of the lungs and discoloration of the skin and hair.

ZINC
Inhalation hazards – High concentrations can cause irritation. Pure zinc powder, dust, fume is relatively non-toxic to humans by inhalation. **Other hazards –** Repeated skin contact can cause irritation. Zinc is relatively non-toxic when ingested. High concentrations can cause eye irritation.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Obtain medical attention.
Eyes: Flush with water to remove particulate. Obtain medical attention.
Skin: Wash thoroughly with soap and water. If persistent irritation develops, obtain medical attention.
Ingestion: Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:	None.
Auto-ignition Temperature:	This product is inherently flame resistant but may ignite at temperatures exceeding 1112°F (600°C) in an oxygen enriched atmosphere.
Flammable Limits in Air:	% in Air by Volume: LEL: N/A UEL: N/A
Flame Propagation Rate:	Not Established.
Extinguishing Media:	Use media suitable for surrounding fire.
Special Fire Fighting Procedure:	When heated to very high temperatures, may give off smoke and decomposition products which may contain toxic compounds.

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