

Symptoms and Effects of Exposure to Selected Individual Components (continued)**SBR RUBBER**

Inhalation hazards – Exposure to fine dust may cause mild irritation of respiratory tract.

Other hazards – Prolonged exposure may cause mild transient eye or skin irritation.

SODIUM HEXAMETAPHOSPHATE

Inhalation hazards – Exposure to fine dust may cause mild irritation of respiratory tract.

Other hazards – Prolonged exposure may cause mild transient eye or skin irritation. Material is non-hazardous, and is considered a nuisance dust.

SILICA DUST

Inhalation hazards – Acute: Exposure to silica dust may cause paroxysmal coughing, wheezing, dyspnea and upper respiratory tract irritation. Chronic: Prolonged exposure to silica dust may cause silicosis. Crystalline silica has been classified by IARC as, Group 1, carcinogenic to humans. ACGIH classifies crystalline silica as A2, suspected human carcinogen.

Other hazards – Eye or skin contact can cause temporary discomfort and irritation.

SILICON CARBIDE

Inhalation hazards – May cause coughing/shortness of breath.

Other hazards – Abrasive to skin.

STEEL FIBER

Inhalation hazards – Acute: Metal fume fever with symptoms of chills, fever, cough, muscle aches, and difficulty in breathing from manganese; silicon can cause respiratory tract irritation; copper can cause irritation of eyes, nose, throat and lungs with possibility of metal fume fever, chills, nausea, fever, dry throat, cough, and metallic taste. Chronic: Repeated exposure to iron over time may cause lung changes and benign pneumoconiosis; cumulative central nervous system and lung damage may occur with manganese as well as insomnia, and malaise; may cause irritation of the lungs and discoloration of the skin and hair.

Other hazards – May cause mechanical damage to skin and eyes.

SULFUR

Inhalation hazards – Exposure may cause irritation to mucous membranes and upper respiratory tract.

Symptoms include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, vomiting.

Other hazards – May also irritate by ingestion and skin absorption.

TITANIUM DIOXIDE

Inhalation hazards – May cause irritation of the respiratory system. Extreme exposures have been reported to lead to granulomatous lesions.

Other hazards – Causes irritation to the eyes and skin. Considered a potential occupational carcinogen by NIOSH, but the IARC considers titanium dioxide to be Group 3, unclassifiable.

WOLLASTONITE

A non-metallic mineral powder, white in color with a faint odor.

Inhalation hazards – long-term cumulative inhalation of high concentrations may cause restriction of the large airways.

Other hazards – May cause minor skin irritation.

ZINC SULFIDE

Inhalation hazards – May cause irritation of the respiratory system.

Other hazards – May cause irritation to the eyes and skin.