

## Symptoms and Effects of Exposure to Selected Individual Components (continued)

**NITRILE RUBBER**

Inhalation hazard(s) - Gases and fumes from thermal processing or decomposition of this product may cause irritation of respiratory tract, skin, and eyes.

Other hazard(s) – May cause eye irritation if material is introduced into the eye. Eyes may feel scratchy, become red, and tear.

**PETROLEUM COKE**

Inhalation hazard(s) – Overexposure to dust may result in chronic bronchitis.

Other hazard(s) – Dust may be abrasive and irritating to eyes.

**PHENOLIC RESIN – CURED**

Inhalation hazards – Dust may cause irritation of nasal and respiratory tracts. Product is fully cured, so formalin vapor should not be present. If formaldehyde is present, inhalation may cause a form of nasal cancer.

Other hazards – Prolonged exposure can cause irritation, redness, tearing of the eyes, and may lead to sensitization of the skin and dermatitis.

**POLYESTER PLASTICIZER**

Inhalation hazards –

Other hazards

**POTASSIUM TITANATE (non respirable fibers)**

Inhalation hazards – May cause irritation of respiratory system. May contain naturally occurring trace amounts of naturally occurring crystalline silica.

Other hazards – May be abrasive to skin and eyes. Note: The potassium titanates used here are of the non-acicular forms.

**RUBBER (POWDERED)**

Inhalation hazards – May cause mild irritation of the respiratory tract. Repeated and prolonged inhalation of dust may lead to a benign pneumoconiosis. This condition may cause some lung function impairment, but is reversible with reduced exposure.

Other hazards – Eyes – may cause mild transient eye 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 a 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.

**TIN**

Inhalation hazards – Acute and Chronic - When inhaled as dust or fume, tin leads to a benign pneumoconiosis without symptoms of interference with pulmonary functions.

Other hazards – May irritate stomach lining if ingested. Dust may irritate eyes.