

# Fugitive Dust Chemical Hazards



Fugitive dust is a mixture of dust from many sources. This includes from industrial piles, unpaved industrial sites, and dirt being tracked out of these sites on truck tires.

Dust gets stirred up by vehicles and wind, polluting the air in our community. Heavy metals and other harmful chemicals in this dust can have negative effects when they get on the skin, in the lungs, or in food and drink.

## Chronic Exposure to These Chemicals Can Increase Risk of...

<b>ARSENIC*</b> treated wood, metal alloys, glass, and textile waste	developmental delays in children; weakened immune system; anemia; diabetes
<b>CHROMIUM*</b> metal processing/production	weakened immune system; liver, kidney, lung, and gastrointestinal damage; skin ulcers
<b>COPPER</b> metal processing/production, incinerators	nose, mouth, eye, and gastrointestinal irritation; headache
<b>IRON**</b> vehicle exhaust, building construction scrap metal	skin and eye irritation; hormonal and immune dysfunction; liver, heart, and pancreatic damage; diabetes
<b>LEAD</b> paints, combustion, scrap metal, plane fuel	cardiovascular dysfunction; lung, liver, and central nerve damage; anemia
<b>MANGANESE</b> steel production, scrap metal	cardiovascular, endocrine, and immune dysfunction; nerve damage; anxiety and depression symptoms; infertility in men
<b>NICKEL*</b> metal plating, batteries, scrap metal	skin, respiratory, and eye irritation; birth defects
<b>ZINC</b> treated steel, batteries, scrap metal	bone marrow and neurological damage; anemia
<b>PCB**</b> electrical equipment, motor oil, paints	skin irritation; liver damage

**CARCINOGENS** are substances capable of causing cancer.

\*this chemical is a known human carcinogen

\*\*this chemical is a probable human carcinogen

Questions? Contact Southwest Detroit  
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