

COAL TAR SEALERS:



By Coal Tar Free America

Coal Tar:

An **industrial by-product** of the coking of coal for the manufacturing of steel.

Sealers are a liquid top dressing for asphalt pavements to beautify and protect from aging.

2/3 of all coal tars used in the US are imported.

Toxicity

PAH's (polycyclic aromatic hydrocarbons) are the problem and coal tar sealers are a potent source. They are **Toxic**, kill things; **Mutagenic**, cause cell mutations; **Carcinogenic**, cause cancer; and **Teratogenic**, cause birth defects.



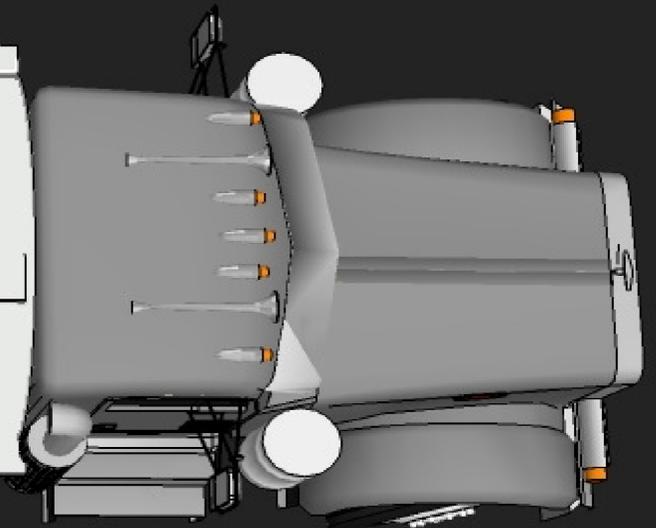
Scope

85 million gallons spread on parking lots, playgrounds, & driveways annually.

1,000 times higher in concentration than what affects life.



**A TOXIC TRAIL
ACROSS THE U.S.**



2.2 Million

pounds of PAH enter the air every year from coal tar sealers. More than all US vehicle emissions.

25x Dust in homes near coal tar sealed lots are 25 times more concentrated in PAH.

1 in 10,000

Cancer risk to children exposed to dust. **Federally "unacceptable"**

Health

\$1 Billion

cost estimated in Minneapolis-area alone to clean up ponds contaminated with coal tar sealers.

Asphalt-based sealers are 1,000 times less toxic with same cost.



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22 Million

US Citizens under a coal tar sealcoat ban.

