

# REGULATING COAL TAR-BASED SEALER WITHIN THE CITY OF MINNEAPOLIS

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- Use of coal tar-based sealers
  - What is the problem with coal tar sealers
- How does coal tar sealant enter the environment
  - Best management practices
    - Proposed ordinance

## Use of coal tar-based sealer

- Protect and beautify the underlying pavement.
- Applied to parking lots, residential driveways, and to some playgrounds.



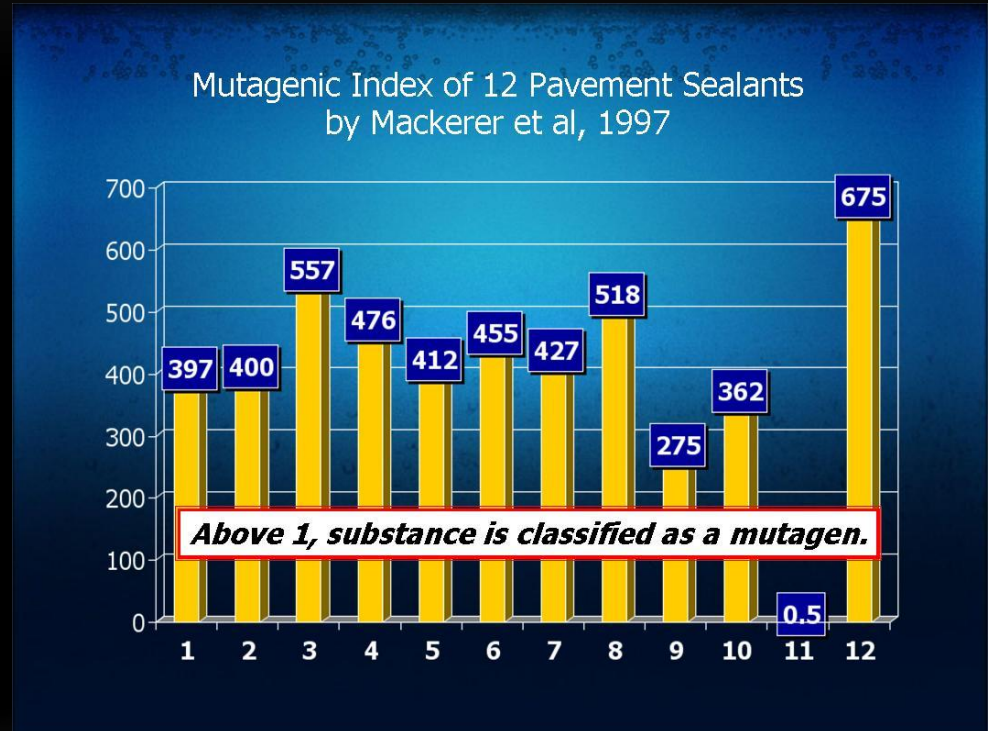
## Problem with coal tar sealers

Byproduct of burning of coal

Coal tar pitch is 50% or more polycyclic aromatic hydrocarbons (PAHs)

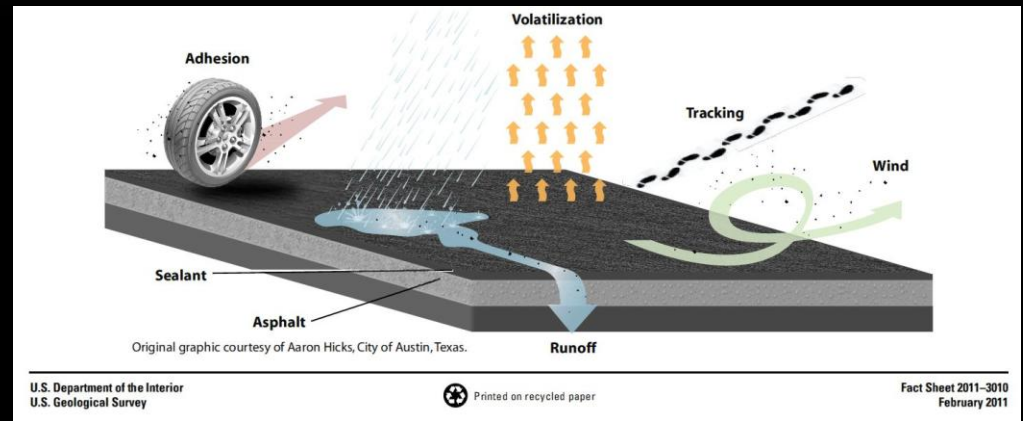
PAHs:

- Cause birth defects to aquatic life
- Carcinogen to humans.
- Contain 1,000 times the PAHs than asphalt based sealants.



## How does coal tar sealant enter the environment?

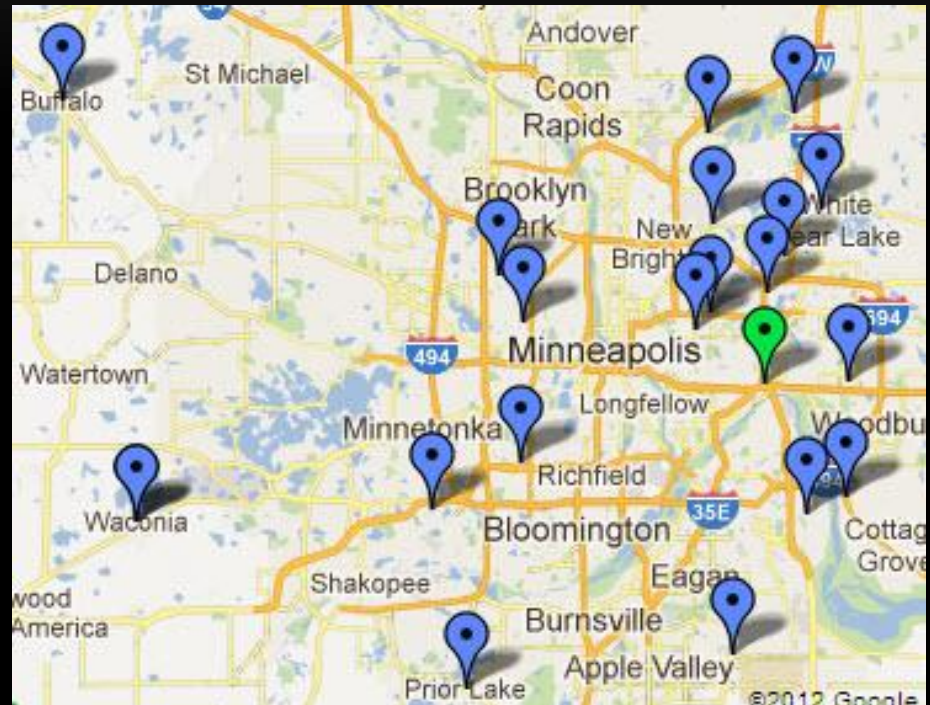
- Abrade from driveways and parking lots
- Adhere to vehicle tires
- Blown offsite by wind
- Tracked indoors on the soles of shoes.
- Washed off pavement by rain
- Carried down storm drains into streams and stormwater ponds.





## Restrictions and bans in other jurisdictions

- 20 Minnesota cities have banned the use and/or sale
- State of Minnesota has ceased its use.
- Statewide legislation has been introduced in a half-dozen states.
- State of Washington banned use.
- Discussions have begun at a national level to ban the product.



## MCO 60

- Disallow the application of coal tar-based sealer within City of Minneapolis.
- Disallow the sale of coal tar-based sealer within the City of Minneapolis without signed customer agreement.
- Only applies to coal tar-based sealer and does not affect asphalt-based sealer.