



Facts about Refined Coal Tar Sealers & PAHs.

Ten reasons why you should not believe in the lies.

1. **There has not been even one known case of cancer** in the last 60 years since the use of Refined Coal Tar Sealers. Some of the businesses, now in their second and third generation of manufacturing and application, have reported no instances of any type of cancers resulting from years of exposure to Refined Coal Tar Sealers.
2. **Asphalt based sealers also contain PAHs.** Asphalt based sealers release as much PAHs as Refined Coal Tar Sealers, over the years of service.
3. **Coal tar is also used in many personal care and hygiene products**, e.g. shampoos, skin topical creams, food dyes, hair dyes, etc. Neutrogena, (the maker of dandruff control shampoo) conducted a study on the carcinogenicity of crude tar, which was applied and left for 24 hrs. on large areas of the skin of 1924 human test subjects. *None developed skin cancer.*
4. **In Austin, the PAH levels in water sediments have not changed** in the last 3 years since the ban on Refined Coal Tar Sealers. It should have dropped, if Refined Coal Tar Sealers were the culprit.
5. **Refined Coal Tar Sealers are Not and have Never been identified as a major source of PAHs.** *They have been wrongly targeted.* There are numerous other sources of PAHs; autos exhaust, tire abrasion, oil drippings, cigarette smoking, grilling foods, wood burning fireplaces, etc.
6. **Both Texas Commission on Environmental Quality (TCEQ) & U.S. EPA** Concluded that Barton Springs waters were safe for swimming, contrary to City of Austin/USGS and its *"Findings"*.
7. USGS's Studies, declaring Refined Coal Tar Sealers as the major source of PAHs in Barton Springs, Austin are flawed, as determined by independent researchers. None of the cities which have either banned Refined Coal Tar Sealers (Madison, WI and Washington, DC) or considering the ban have done their own studies. Since *Austin's conclusions are flawed*, other cities that have followed suit using Austin as "Ground Zero" for such information are just as wrong, banning Ref. CTS.
8. **Refined Coal Tar Sealers use RT-12, a purified grade of coal tar.** The advocates of the ban often confuse or deliberately ignore the fact that RT-12 has much smaller percentage of PAHs as compared to crude coal tar.
9. The emissions from Refined Coal Tar Sealers, both during manufacturing and application, were found to be well *under the EPA permissible limits*, causing no hazards.
10. **Refined Coal Tar Sealers, in both wet and dry form, are not considered hazardous.** Also, there are no "Hazard" shipping and placarding requirements for transporting Refined Coal Tar Sealers.

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