



PAK DETECTOR

Bitumen Identification Spray for PAH Detection

Product Description

PAK DETECTOR is a high-performance aerosol paint designed for the detection of tar on road surfaces by identifying the presence of Polycyclic Aromatic Hydrocarbons (PAHs). Ideal for quick, on-site analysis, PAK DETECTOR provides a visual indication of bituminous materials such as asphalt.

This is not a certified measurement tool. It provides a visual indication of PAHs above 100 ppm and should be used as a preliminary screening method only.

Product Features

- Application: Aerosol (use head down)
 - Appearance when applied: White film
 - Reaction: Turns yellow/brown in presence of PAHs
 - Optional verification: Use UV lamp – PAHs will fluoresce yellow-green
 - Volume: 500 ml NET
 - Binder: Thermoplastic acrylic
 - Pigments: Mineral and organic, free from heavy metals (e.g., lead, cadmium)
 - Solvents: Specific blend for PAH solubilisation
 - PAH Detection Threshold: >150 ppm
 - Drying Time: 15 minutes
 - Operating Temperature: -10°C to +50°C
 - Storage Temperature: +15°C to +25°C (dry, ventilated space)
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Operating Instructions

1. Shake well before use.
2. Hold can head down when spraying.
3. Spray a thin, even layer on the surface to be tested.
4. Allow to dry completely (approx. 15 minutes).
5. Purge the nozzle after use by spraying head up briefly.
6. Observe results:
 - PAHs present: Surface turns yellow/brown
 - For additional verification, use a UV lamp: PAHs will appear yellow-green under UV light

General Safety & Handling Recommendations

- Do not expose to temperatures above 50°C
- Keep away from heat sources, ignition points, and direct sunlight
- No smoking during use
- Do not pierce or incinerate the aerosol can, even when empty
- Always refer to the Safety Data Sheet (SDS)

Storage Guidelines

- Store between 15°C and 25°C
- Avoid humidity and direct sunlight
- Keep containers tightly closed when not in use

Disclaimer

Last update: June 2021. This data sheet replaces all previous versions. The information provided is based on our current knowledge and internal testing. It does not exempt the user from their responsibility to adhere to local regulations and safety standards. Use with caution. The user assumes all responsibility for proper product handling and application.

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