



Aeroseal Sealant Safety Information

Your Safety is Our Priority

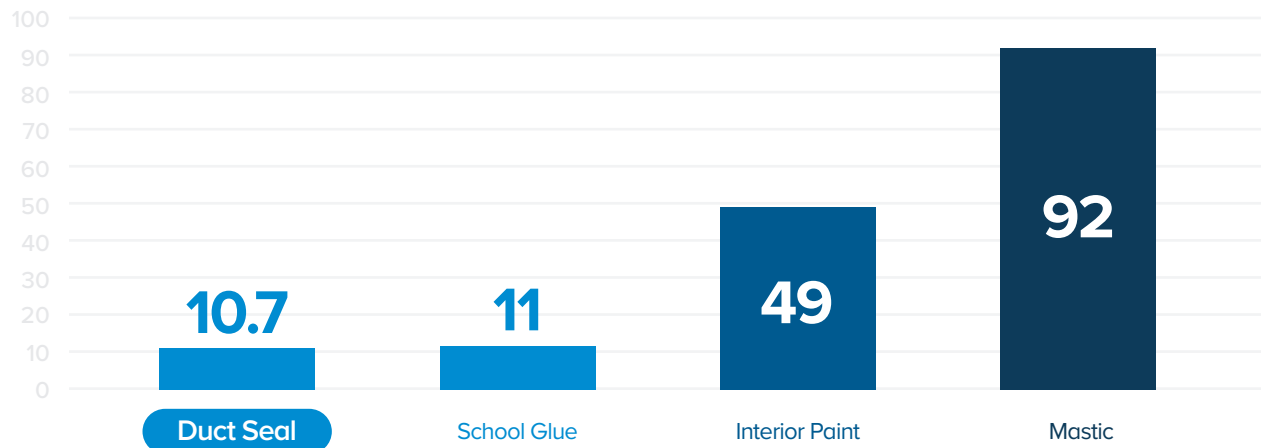
At Aeroseal, we understand that the safety of our sealant is a top concern for homeowners, builders, and HVAC professionals. Since our sealant is applied within your living space, it's crucial to ensure it is healthy and safe for you and your family. Our sealant has been thoroughly tested to ensure it is non-toxic, low in VOCs (Volatile Organic Compounds), and safe for indoor use. Here are the key points to ease your concerns:



What Makes Our Sealant Safe?

- **Certified Low VOC Product:** Our sealant emits fewer VOCs than common household products such as school glue and interior paint.
- **Non-Toxic:** The sealant is a stable, non-toxic water-based acrylic polymer. Once cured, it becomes inert, meaning it does not react or release harmful chemicals into your home.
- **Fire Safety:** Our sealant does not fuel a fire or produce significant smoke, meeting stringent fire safety standards.

VOC grams/Liter (g/L)



What Makes Our Sealant Safe?



Inhalation Safety

- **Minimal Odor:** Any odor during application is comparable to the smell of a freshly painted room and dissipates quickly once the process is complete.
- **Ventilation and Scrubber Fans:** During application, we use scrubber fans and natural ventilation to minimize any airborne particles, ensuring they do not settle on surfaces in your home.



Post-Application Safety

- **Inert and Stable:** Once applied and cured, the sealant does not continue to release any substances. It remains firmly in place, providing a lasting seal without affecting indoor air quality.
- **No Residue:** The sealant is designed to deposit only at leak sites within the ducts, and any overspray is negligible and removed through our ventilation process.

Proven Safety Credentials

- **UL and ASTM Standards:** Our sealant meets or exceeds industry safety standards, including UL1381 for mold resistance, smoke development, and flame spread, and ASTM E2342-10 for durability and leakage reduction.
- **Independent Toxicologist Approval:** A thorough review by an independent toxicologist confirms that our sealant poses no health risks during or after application.



Quick Facts

- **VOC Content:** <math><0.5 \text{ mg/m}^3</math>
- **Application Temperature:** >40°F
- **Service Temperature Range:** -20°F to 480°F
- **Mildew and Moisture Resistant**
- **Flexible and Durable:** Remains pliable and effective over a wide range of operating conditions. AeroSeal has a ten-year warranty – but a durability of 40 years. Accelerated testing conducted at Lawrence Berkeley National Laboratory showed no sign of deterioration in Duct Seal. In fact, it continued to hold a seal well past the life span of tape and mastic. While the warranty covers the contractor for 10 years, it has been proven to last for decades.



For more detailed safety data, visit our [Safety Data Sheet](#).

This information should help assure you that AeroSeal's duct sealant is safe for your home and family. If you have any further questions or need additional information, please do not hesitate to contact us.