

***I hereby confirm that, based on documentation from the manufacturer as well as various analysis reports and certificates, I have reviewed the statements below regarding the use of the sealing product Aeroseal in cleanroom environments from Omnino AB, and confirm that they are correct:***

### **1. Brittleness at low temperatures**

According to the product data sheet, Aeroseal remains binding down to **-29 °C**. Tests on pure polyvinyl acetate show a glass transition temperature between **18 and 45 °C**. Aeroseal has been tested and remains **elastic down to -17.8 °C during a 48-hour period**.

*(Sources: Aeroseal Duct Seal Data Sheet and statement by Dr. Florian Daxböck)*

### **2. Emission of volatile organic compounds (VOC)**

Independent reports from **Pegasus Lab (Region Skåne)** and **Eurofins** show that Aeroseal (vinyl acetate polymer) **does not emit volatile organic compounds**, either immediately or over time. The Eurofins report shows that **Total VOC from Aeroseal in a sealed system is 10 µg/m<sup>3</sup>**, which is well below the limit values for cleanroom classifications.

*(Sources: Eurofins Pegasuslab report and Eurofins DANAK report)*

### **3. Microbial growth**

Tests conducted by **ILH Berlin** and **MEZ-TECHNIK** show that Aeroseal is **microbiologically inert** and does not present a risk of microbial growth in ventilation systems. This analysis confirms that Aeroseal is safe to use in environments with high hygiene requirements.

*(Source: ILH Berlin & MEZ-TECHNIK test report)*

### **4. Risk of contamination**

Aeroseal's smallest particle size is **4–10 µm**, which is **20–50 times larger** than the tolerance of **HEPA filters (H45)** at **0.18 µm**. It is therefore **impossible for Aeroseal particles to pass through HEPA filters and contaminate cleanrooms**.

*(Sources: Camfil cleanroom filter analysis report and statement by Dr. Florian Daxböck)*

### **5. HEPA filter replacement intervals**

The system's separation of supply and exhaust air eliminates the risk of **hydrogen peroxide contamination in the supply air system**, and therefore any impact on HEPA filters. Additionally, testing shows that Aeroseal **does not contribute particles that could affect filter performance**.

*(Sources: Eurofins DANAK report and Eurofins Pegasuslab report)*

### **6. Hydrogen peroxide cleaning**

The use of **hydrogen peroxide up to 2 %** is compatible with both the cleanroom documentation and the properties of vinyl acetate polymer. However, the system design prevents contamination of the supply air from the exhaust air system.

*(Source: Generally known information)*

Aeroseal is certified according to strict hygiene standards such as **ÖNORM H6020** and **VDI 6022**, making it suitable for use in high-risk environments such as cleanrooms. Compliance with these standards ensures that the product meets the highest requirements for hygiene and safety.

For further information, the following reports confirm Aeroseal's suitability and safety in cleanroom environments:

- **Aeroseal Duct Seal Data Sheet** – Technical product information
- **Eurofins Pegasuslab / Report Code: AR-23-LU-011374-01** – VOC analysis of a room where Aeroseal was used
- **Eurofins DANAK / Report No. 392-2015-00189501A** – VOC analyses according to German (DIBt, AGBB), French and Belgian VOC requirements
- **ILH Berlin & MEZ-TECHNIK / Test report BM 10/14-7** – Microbiological growth testing according to VDI 6022 requirements
- **Camfil / Cleanroom filter analysis report** – Analysis of cleanroom filters according to EN1822 and ISO29463 for H45 type filters showing that they retain **99.995 % of particles smaller than 0.18 µm**
- **Dr. Florian Daxböck / Statement** – Regarding compliance with the **ÖNORM H6020:2019** standard for cleanroom environments

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