

APPENDIX 1: NanoRiskCat Template

Samsung SC9540 1800W Silencio cylinder vacuum cleaner produced by Samsung

Nanomaterial description

1. **Material source or producer: Not reported**
2. **Manufacturing process: Not reported**
3. **Appearance: Not reported**
4. **Chemical composition: Ag**
5. **Physical form/shape: Not reported**
6. **Purity: Not reported**
7. **Size distribution: Not reported**
8. **Solubility: Not reported**
9. **State of aggregation or agglomeration: Not reported**
10. **CAS number (if applicable): Not reported**

Product description

Vacuum cleaner claimed to be applying: "...anti bacterial properties of silver to the dust bin, pre motor filter and post motor filter of the vacuum cleaner...". Location of the nanoelements is assumed to be on the surface of the box and the filters.

Applications

Exposure potential for professional end-users

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Given the nature of the product and the fact that the Nanosilver box is suppose to be washed and cleaned exposure for professional end-users seems to be possible. Main contact zones is the skin.

Hence we concluded that the overall Exposure potential for professional end-users is ●

Consumer exposure potential

Given the nature of the product and the fact that the Nanosilver box is suppose to be washed and cleaned exposure for consumers seems to be possible. Main contact zones is the skin.

Hence we concluded that the overall Exposure potential for consumers is ●

Environmental exposure potential

Environmental exposure to is expected to be limited, but could happen when the dirt cup is emptied.

Hence we concluded that the overall Environmental exposure potential is ●