APPENDIX 1: NanoRiskCat●●●|♦♦ Template

Nano Weight Pro 1800 produced by FHI Heat Platform

Nanomaterial description

1. **Material source or producer: Not reported**
2. **Manufacturing process: Not reported**
3. **Appearance: Not reported**
4. **Chemical composition: Ag, Ti**
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

Hair dryer. Location of the nanoelement in the product is airborne as the manufacturers state that: “Lighter and more compact than our Nano Salon Pro 1900…Proprietary Nano Fuzeion™ technology…”… “Nano Fuzeion Technology is FHI's advanced combination of three distinct nano technologies (Nano Ti + Nano TiO2 + Nano Ag) which result in unmatched styling and health benefits for your hair. Nano Titanium Oxide helps remove chemical pollutants and toxins which build-up in your hair from normal exposure to the elements. Nano Titanium enhances the ionic effect, allowing hair to absorb more moisture for superior conditioning and shine. Finally Nano Silver removes harmful or damaging bacteria from the hair.”

Applications

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Exposure potential for professional end-users

Given the intended use and the location of the nanoelement in this product, exposure to the professional end-users seems highly likely.

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

Consumer exposure potential

Given the intended use and the location of the nanoelement in this product, exposure to the consumer seems highly likely.

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

Environmental exposure potential

Given the nature of the product and the location of the nanoelement, environmental exposure seems possible either directly via general usage and cleaning of the product or indirectly after curled hair is washed.

Hence we concluded that the overall ***Environmental exposure potential is*** ●