APPENDIX 1: NanoRiskCat●●●|♦♦ Template

Helix™Curling Irons produced by Hot tools®

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

Flat irons. Location of the nanoelement in the products are unknown as the manufacturers only state that: “The Helix Curling Iron from Hot Tools features Nano Silver Technology for superior performance. Hot Tools' technology evolves into even more powerful performance, with added protection with their new Helix line of appliances featuring NanoSilver. Tourmaline Ceramic Titanium (Ti) barrel produces negative ions and far-infrared heat to add shine, reduce frizz and improve hydration. Titanium additive improves strength. The NanoSilver housing is infused with silver (Ag) an agent known to be a natural bacteriostat.”

Applications

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Exposure potential for professional end-users

It is impossible to evaluate the exposure potential for professional end-users as the both the nanomaterial used and the location of the nanoelement in the product are unknown.

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

Consumer exposure potential

It is impossible to evaluate the exposure potential for consumers as the both the nanomaterial used and the location of the nanoelement in the product are unknown.

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

Environmental exposure potential

It is impossible to evaluate the environmental exposure potential as the both the nanomaterial used and the location of the nanoelement in the product are unknown.

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