

## Round brush produced by The Big Brush Company

### 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

Hair brush. Producers claim to use: "...very latest high performance technology which not only helps to eliminate bacteria, adds incredible shine & softness to your hair."

([http://www.thebigbrushco.com/choose\\_the\\_right\\_brush.htm](http://www.thebigbrushco.com/choose_the_right_brush.htm)). The location of the nanoelement of the products is assumed to be located on the surface of the product.

### Applications

## APPENDIX 1: NanoRiskCat●●●|◆◆ Template

### Exposure potential for professional end-users

Given the nature of the product and the location of the nanoelement, exposure for professional end-users to nanosilver seems to be possible. Main contact zones are hair and 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 location of the nanoelement, consumer exposure to nanosilver seems to be possible. Main contact zones are hair and skin.

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 to nanosilver seems to be possible especially in relation to cleaning and washing of brush as effluents might enter the environment via sewage treatment plant.

Hence we concluded that the overall Environmental exposure potential is ●