

Nano Rain Hat produced by Pro-Idee GmbH & Co. KG

Nanomaterial description:

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

Rain hat. The location of the nanoelement of the products is assumed to be located on the surface of the product as manufacturers states that: "Rain hat made of state-of-the-art nano fabric...waterproof hat. After a rainshower, shake off excess water and the nano fabric will dry immediately. Then fold it down and stow away small. No dampness, no mould stains – the rough, micro fine surface (similar to a lotus leaf) lets water, stains and dirt just glide off."

Applications

Exposure potential for professional end-users

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

APPENDIX 1: NanoRiskCat | Template

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 seems to be possible.

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 to be possible especially in relation to washing as effluents might enter the environment via sewage treatment plant.

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