

Acticoat[®] Wound Dressings produced by Smith & Nephew

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

Wound dressings exploiting the antibacterial properties of silver. The location of the nanoelement of the products is assumed to be located on the surface of the product.

Applications

For use over partial, full thickness and acute wounds.

Exposure potential for professional end-users

APPENDIX 1: NanoRiskCat●●●|◆◆ Template

Given the nature of the product and the location of the nanoelement, exposure for professional end-users to nanosilver seems to be unlikely as there might not be direct contact between the surface of the product and a professional end-user e.g. a nurse placing a wound dressing on a patient. In case of exposure, main contact zone would be 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 location of the nanoelement, consumer exposure to nanosilver is to be expected as the product is to be used over partial, full thickness and acute wounds. Main contact zone is to be the 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. The main outlets to the environment are expected after use either directly into the water recipients and/or indirectly via the Sewage Treatment Plants into water recipient and soil.

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