

Atomic Snow® Izor Skis produced by Atomic Snow®

Nanomaterial description

1. **Material source or producer: Not reported**
2. **Manufacturing process: Not reported**
3. **Appearance: Not reported**
4. **Chemical composition: SiO₂**
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

Skis with nanoscopic silicon oxide crystals injected in the tiny voids that exist between individual carbon fibers of skis according to the manufacturers and hence it would seem that the nanoparticles are bound to the surface of the skis.

Applications

Exposure potential for professional end-users

APPENDIX 1: NanoRiskCat●●●|◆◆ Template

Given the nature of the product, exposure for professional end-users seems possible as the professional end-users must be expected to be in direct contact with the surface of the skis at one point in time or another.

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

Consumer exposure potential

Given the nature of the product, consumer exposure seems possible as the consumers must be expected to be in direct contact with the surface of the skis at one point in time or another.

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

Environmental exposure potential

Given the nature of the product, environmental exposure seems possible as intended usage requires that the skis are in contact with snow and some release of the nanoparticles seems plausible over the course of time due to wear and tear.

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