

Ain Supplio Pencil produced by Pentel

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

Leaded pencils. According to the manufacturer, the pencils: “...uses nanotechnology to release allegedly mind-expanding aromas, letting you smell your way to smartness while you scribble your meandering prose on a piece of paper. The fragrance is encapsulated using nanotechnology, where microscopic bubbles containing the fragrance are blended in with the lead. When you write, the fresh fragrance pops out of those tiny nanocapsules, filling the room with sweetness and enlightenment for all within noseshot”. Nanoparticles are assumed to become airborne when the product is used.

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 the professional end-users is to be expected during use and especially inhalation and skin exposure seems likely.

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 is to be expected during use and especially inhalation and skin exposure seems likely.

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 is to be expected. The main outlets to the environment are expected during use.

Hence we concluded that the overall Environmental exposure potential is ●