FAST-ACT® Hazard Containment System produced by NanoScale Materials®, Inc.

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

Hazard containment neutralizer. Manufacturers state that "Due to unparalleled surface area, unique morphology, increased porosity, and small crystallite sizes these nanomaterials (a nanometer is one-billionth of a meter) exhibit enhanced chemical reactivity. NanoScale has compiled extensive data on the reactivity of nanomaterials towards many hazards including acidic and caustic gases, chlorocarbons, organophosphorus compounds, simulants as well as chemical warfare agents. The reactive nanomaterials not only adsorb toxic compounds, but also chemically dismantle them." The product is available both in the form of dispended powder or in a pressurized cylinder.

APPENDIX 1: NanoRiskCat●●●|♦♦ Template

Applications

In the case of spill of liquid hazardous substances, the product is to be spread covering the spill whereas the product is supposed to be sprayed using pressurized powder in the case of a spill of gases.

Exposure potential for professional end-users

Exposure to professional end-users seems highly likely given the fact that the product is to be spread covering the accidental spills whereas the product is supposed to be sprayed using pressurized powder in the case of a spill of gases.

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

Consumer exposure potential

Exposure to consumers seems highly likely given the fact that the product is to be spread covering the accidental spills whereas the product is supposed to be sprayed using pressurized powder in the case of a spill of gases.

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

Environmental exposure potential

It is currently impossible to evaluate the environmental exposure potential.

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