
Material Safety Data Sheet SnowCel FSX and HSX

In accordance with 88/379/EEC

4 pages

1. Identification of substances

- 1.1 Trade Name: SnowCel
- 1.2 Supplier: Snow Business International Ltd, The Snow Mill, Ebley, Stroud, Glos GL5 4TR, United Kingdom
- 1.3 Contact: Darcey E Crownshaw
- 1.4 Telephone: +44 (0) 1453 840077
- 1.5 Applications: This range of products is designed to simulate dressed or falling snow for use in filming or live events, at locations where the site may be particularly sensitive such as where organic farming regulations apply or on 'Sites of Special Scientific Interest' where delicate ecological balances have to be maintained, or around fresh water springs where water is extracted for bottling and sale.
The chemical free range is not recommended for Stage use as there are no fire-retarding salts to inhibit combustion. On location the risk of fire is minimal as the SnowCel is laid with water via high-pressure jets. With dyes it can be used for sand, foliage or ash effects.
Biodegradable.
- 1.6 Appearance: As snow, with a varied particle size, which is dependent upon the grade selected for the effect required.

2. Composition/Information on Ingredients

- 2.1 Chemical Nature: Wood based cellulose fibre 100% (dry base)
- 2.2 Dangerous Components: Nil
- 2.3 Contributing impurities: Nil

3. Hazards identification

- 3.1 Special danger references for humans and the environment – not applicable.
- 3.2 Fire or explosion – Organic fibre which will smoulder or flame if in contact with heat source

4. First aid measures

- 4.1 Inhalation: Leave contaminated area and provide plenty of fresh air.
In case of complaints consult physician.
- 4.2 Skin Contact: The product is non-irritant, gloves and other forms of protective clothing are not required.
- 4.3 Eye Contact: No specific safety equipment is required, if eye contact occurs irrigate with water
- 4.4 Ingestion: Drink water; consult doctor in case of indisposition.

Snow Business International Ltd
The Snow Mill, Bridge Road, Ebley, Stroud,
Glos, GL5 4TR

Tel: +44 (0) 1453 840077
www.snowbusiness.com
Reg in England, Co # 3188135. VAT # GB618344930

5. Fire-fighting measures

- 5.1 Water or foam extinguishers.
 - 5.2 No toxic gases are emitted in the event of burning.
 - 5.3 ATEX Rating – ST1
-

6. Measures in case of accidental dispersal

- 6.1 Individual precautions sweep up and dispose according to local regulations
 - 6.2 Environmental precautions organic material will decompose on weathering, clear up bulk and dispose of in accordance with local regulations, remnants can be washed with a water spray to 'dirty' in order to remove 'visual litter' while biodegradation occurs.
 - 6.3 Recuperation lightweight, easily vacuumed when dry.
 - 6.4 Cleaning / Decontamination brush or vacuum
 - 6.5 Elimination according to regulations in force
 - 6.6 Excess materials can be returned to store for future use.
-

7. Handling and Storage

- 7.1 No smoking when handling the products.
 - 7.2 SnowCel is compressed and supplied pre-packed in polythene bags (bag melt point 90°C). SnowCel FSX is packed into 12kg bales. SnowCel HSX is packed into 9.5kg bales. Stock should be stored in a dry place away from ignition sources. The material is ready for direct application.
 - 7.3 The material is placed into the snow blowing machine's hopper, where it is broken up and blown through a flexible plastic hose to where the machine operator is creating the required effect. A 'wet head' is fitted to the end of the hose which sprays a fine mist of water onto the paper as it emerges, allowing it to bond to everything it contacts. After use the SnowCel is easily removed using snow shovels, brooms, vacuums, air blowers or hose pipes. A 'conditioning collar' may be fitted at the machine end of the hose to reduce dust levels when required. Water pressure must be maintained at a minimum of 30 P.S.I. for dust reduction to be effective. Chemical free SnowCel is not fireproof and should only be used inside studios with caution.
-

8. Exposure limitations and personal protection

- 8.1 Information on the system design:
Provide sufficient ventilation.
 - 8.2 Provision of personal protective equipment
Breath protection: Use P2 dust mask when dusty in a confined space.
 - 8.3 Exposure limits: Occupational Exposure Limits EH4099 gives a short term limit for cellulose of 10mg/m² and a long term exposure limit of 4mg/m² (respirable) dust, measured as an 8 hour time-weighted average. The limits are those applied to 'nuisance dust'
-

Snow Business International Ltd

The Snow Mill, Bridge Road, Ebley, Stroud,
Glos, GL5 4TR

Tel: +44 (0) 1453 840077

www.snowbusiness.com

Reg in England, Co # 3188135. VAT # GB618344930



9 Physical and Chemical properties

- 9.1 Appearance: Solid fibre, average particle size 0.25mm – 3.0 mm
Bright white or variants to order
- 9.2 Safety- relevant data
Charring occurs at 234 °C, the product smoulders if a heat source above 450 °C is applied
- 9.3 Apparent volume 1.35 g/cc (typical), loose density ca./approx 40 – 50 kg per m³
- 9.5 PH value 6.5 – 7.5
- 9.6 Insoluble in water and organic solvents
- 9.7 Odourless
- 9.8 Moisture 5 %
- 9.9 Elemental Chlorine free

10. Stability and reactivity

- 10.1 Stable at ambient temperature in normal conditions
- 10.2 Dangerous reactions none
- 10.3 Conditions to avoid Heat sources
- 10.4 Materials to be avoided None
- 10.5 Hazardous decomposition products: None.

11. Toxicological information

According to our experience and information provided to us there are no harmful effects expected under proper usage.

12. Ecological information

- 12.1 Vegetable matter, biological degradation without harmful residues
- 12.2 On locations, excessive amounts of the product must be kept out of small streams as de-oxygenation of the water can occur with possible adverse effects on stream life.

13. Disposal considerations

- 13.1 Product is not a dangerous waste, Incinerate, compost or dispose on waste dumps
- 13.2 Packaging, empty as well as possible, incinerate or recycle
- 13.3 Comply with the national or regional authorities for disposal of product or packaging
- 13.4 Dust covers and other preparation work aid the clearing of sensitive sites.

14. Transport information

- 14.1 By land, sea or air Keep away from heat sources
- 14.2 Labelling No EU regulations
- 14.3 Transport By general carrier

Snow Business International Ltd

The Snow Mill, Bridge Road, Ebley, Stroud,
Glos, GL5 4TR

Tel: +44 (0) 1453 840077

www.snowbusiness.com

Reg in England, Co # 3188135. VAT # GB618344930





15. Regulatory

15.1 No registration obligation

16 Compilation date 28/08/2007 Darcey E Crownshaw**Date of last revision**

The statements in this bulletin were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Snow Business International LtdThe Snow Mill, Bridge Road, Ebley, Stroud,
Glos, GL5 4TR

Tel: +44 (0) 1453 840077

www.snowbusiness.com

Reg in England, Co # 3188135. VAT # GB618344930

