

# Snow Business Hollywood

## 818.884.3009

### Quality Data Sheet

#### **Snowcel – Fireproof**

Standard, Fine and other variants.

#### **Typical Data**

Appearance:	As snow, with a varied particle size, which is dependant upon the grade selected for the effect required.
Colour:	Bright white or variants to order
Cellulose Content	above 80% (dry base)
Loose density	ca./approx 40 – 50 kg per m <sup>3</sup>
Moisture	5 %
pH-value	7
Particle Size Distribution	variable depending upon grade (kajanni analysis available for any grade upon request)

#### **Applications**

This range of products is designed to simulate snow for use in filming or live events, on stage or at locations where a class 1 fire proof material is required. It is not to be used on gardens or parkland as the fireproofing salts will damage plant growth. When damp the snow is wind resistant, rain will not destroy the image created and the snow tracks in a realistic manner under vehicles and feet.

#### **Product codes**

Standard	FS	15kg / 33 lb compressed bales approx coverage 10 sq m / 10 sq yds
Fine	HS	10kg / 22 lb compressed bales approx coverage 6.6 sq m / 7 sq yds

*Other grades made to order, for example*

*SG04*

*SG06*

*SG08 (Equivalent to Fine as above)*

*SG10*

*SG12 (Equivalent to Standard as above)*

*SG14 and so on.*

*SG denotes standard grade stock*

*The number indicates size, the larger the number the bigger the particle size*

*X after the above designation denotes chemical free - i.e. no fire proofing salts*



**7. Storage**

Snowcel is compressed and supplied pre-packed in polythene bags. Stock should be stored in a dry place. The material is ready for direct application to the set.

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**8. Work Activity Detail**

8.1 Using prepared Snowcel to create Snow, Sand or Ash effects etc., for Television, Film or Stage Productions.

8.1.1 Dressing: as fallen snow, beaches, desert, areas damaged by fire, volcanic regions etc.

8.1.2 Atmospheric: falling snow, blizzards, sand storms, volcanic fall-out etc.

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**9. Transport and Transfer**

Delivered to location by general carrier.

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**10. Use/Handling of Substances**

The material is placed into the 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.

When working in a Studio environment a 'wet head' is fitted to the end of the hose which sprays a fine mist of water onto the paper as it emerges, killing the dust and creating adhesion. A 'wet collar' may also be fitted at the machine end of the hose to reduce dust levels further when required.

Water pressure must be maintained at a minimum of 30 P.S.I. for dust reduction to be effective.

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**11. Disposal of Waste**

11.1 Disposal in accordance with local regulations as general waste.

11.2 The material is Bio-degradable, remnants left on lawns or earth form a mulch.

11.3 Dust covers and other preparation work aid the clearing of sensitive sites.

11.4 Use of snow shovels before brooms eases clearing.

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**12. Existing Control Measures**

12.1 Ventilation: When being applied in a studio or stage environment natural ventilation should be used or filter placed over mechanical ventilation systems to protect them from dust or over-spray.

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**13. Personal Protective Equipment**

In confined and poorly ventilated areas the use of a simple Disposable Dust Mask is advisable.

13.1 Monitoring of Personal Protective Equipment: None used, disposable masks are discarded after use.

**14. Monitoring of Engineering Controls**

When working in a studio environment, using dust reduction equipment, water pressure must be maintained at a minimum of 30 P.S.I. to ensure the effectiveness of that equipment. If water pressure of 30 P.S.I. is not available from mains supply, pumps are to be substituted.

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**15. Welfare and Hygiene Provisions**

Normal hygiene facilities to be available, i.e. soap and water or showers.

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**16. Health and Safety Training**

Copy of this assessment form to be shown to all operators. Operators to follow safety instructions in machinery operations manual.

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**17. Special Training**

All operators are trained in the safe use of blowing machinery and techniques of Snowcel application.

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**18. Emergency Procedures**

Spillage: Standard procedure for spilt water.

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**19. Adverse Effects on the Environment**

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. Fireproof Snowcel contains fire retarding salts which may damage plants if used on sensitive locations.

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**20. Fire Statement**

The products: do not constitute a fire hazard in normal use; are treated with fire retarding chemicals and manufactured to conform to the requirements of BS 5803: Part 4 *Methods for determining flammability and resistance to smouldering*. They have a Class 1 surface spread of flame (BS476 part 7: 1987), and are rated Class P *not easily ignitable* (BS476 part 5;1979). The materials do not emit toxic gases in the event of fire.

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**21 Other Information**

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.