



COLOURED FLOCK

Simulated Coloured Snow

SAFETY DATA SHEET

I – IDENTIFICATION

- 1.1.1 Flaking powder coloured snow effect (Pyrofolie's Ref. "FLK-RED", "FLK-BLUESKY", etc...)
- 1.1.2 The COLOURED FLOCK product is used to create a "snow flocking" effect on media such as trees, flat surfaces, ground, roofs etc., applied with a snow flocking machine.
- 1.1.3 Product sold by PYROFOLIE'S, based at 18 Rue Notre-Dame de Lorette, 75009 Paris, France. Phone: 00 33 1 55 07 86 00
- 1.1.4 Emergency contact number: 00 33 1 45 42 59 59. This number gives access to the list of the French poison centers and their phone number. For the UK use 999 for serious problems.

II - COMPOSITION / INFORMATION ON INGREDIENTS IN CONCENTRATED FORM

- 2.1 Cotton based. Ecologically safe and biodegradable product
 - 2.1.1 Water used to activate glue: potato starch, kaolin. Products slightly irritating, non-corrosive. Products pose no danger to the environment (including surface water, rivers and ponds) or the ozone layer
 - 2.1.2 Flame retardant powder: natural flame retardant agent (ammonium salt crystals). This product can cause minor skin irritations in certain people. Non flammable, non explosive and not toxic. Not hazardous to the environment or ozone layer
 - 2.1.3 Do not flock directly onto lawns, plants, flowers or living leaves (Risk plant deterioration and burns due to the ammonium salt).

III - HAZARDS IDENTIFICATION

None of the products listed in section II above, are considered dangerous to humans, even where applied to film sets. They dry within 2 to 3 hours, depending on the humidity level.

Hazards to humans by inhalation: In the form of dust when the applications is on sets (typically indoors), the product may cause in some subjects, a slight irritation of the eyes, nose and throat after a few minutes of exposure. Note when applied as dust only.

Hazards to humans through contact with the skin: The product can cause in some subjects, a slight skin irritation when there is abrasion of the skin with the product.

Hazards to humans by contact with eyes: Irritation of eye mucous membranes and eye watering in some subjects during the application (when applied as dust only dust only)

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Hazards for human ingestion: Accidental ingestion may cause in some subjects abdominal pain, when swallowed in high doses only

Environmental hazard: Cotton based snow is not allowed in the installations classified for environmental protection. (Viewable in brochure 1001 of the Official Gazette, the numbers 1431, 1432, 1433 and 1434) despite its low content of ammonium salt added as a fire retardant

Avoid applying flock directly to: Lawns, plants, flowers or living leaves (risk of deterioration and burns on natural plants, due to the ammonium salt)

For lawns: it is advisable first to place matting (i.e. snow mats) before flocking.

IV - FIRST AID

If inhaled in high concentrations, remove from the contaminated area being dusted. If unconscious, place in the recovery position. In both cases case, keep at rest and call a doctor or take them to casualty

After contact with skin, wash immediately with plenty of water and remove contaminated clothing.
In case of contact with eyes, rinse immediately with water for 10 minutes and seek medical advice

In case of heavy ingestion, do not induce vomiting. Hospitalise the individual as soon as possible

V - FIGHTING MEASURES FIRE / EXPLOSION PREVENTION AND FIRE

5.1: **Control measures against fire:** The emulsified product is flameproof M1 (Euroclass A) (certificate renewal in progress)

5.2: **Prevention of explosions and fires:** None required.

VI – MEASURES TO BE TAKEN WHEN APPLYING THE PRODUCT

6.1: **Personal precautions:** Wear respiratory protection during application of the product (dust)

6.2 **Precautions for environmental protection:** Take precautions to prevent the product directly entering drains, surface water or ground water

6.3: **Methods for cleaning up:** Clean up with a vacuum cleaner or broom then dispose of as waste or recycle.

VII - PRECAUTIONS FOR HANDLING, USE AND STORAGE

7.1: **Handling and use:** Instruct personnel handling of the risks and precautions. Use appropriate protection for eyes and skin when applying as dust only on sets

7.2: **Storage:** Keep dry during transport and storage. Keep dry when applying to avoid blocking pipes in the flocking machine

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VIII - CONTROL PROCEDURES - EXPOSURE OF WORKERS AND PERSONAL PROTECTIVE EQUIPMENT NEEDED

8.1: Gloves, goggles and protective clothing must be used during application.

IX - PHYSICAL AND CHEMICAL PROPERTIES

9.1: **General information:** The product is a powder cotton based fibre, coloured in appearance. Odourless

9.2: **Information relating to health, safety and the environment BEFORE APPLICATION:** - See section IV (First Aid) and VI (Measures to be taken when applying the product)

9.3: **Information relating to health, safety and environmental AFTER APPLICATION:** - Do not swallow (see section IV, First Aid)

X - STABILITY AND REACTIVITY

10.1: No issues

XI - TOXICOLOGICAL INFORMATION BEFORE or AFTER APPLICATIONS

- No restrictions unless ingested at high doses (see paragraph IV First Aid - applies before or after application and drying)
- No restrictions except inhaling large amounts of dust during the application on sets

Toxicology **after application** is virtually zero in normal tests. However, it is not advisable humans or animals to ingest the product applied to sets. Ingesting large amounts of cotton can lead to digestive disorders.

XII - ECOLOGICAL INFORMATION

A. **Environmental hazard:** Cotton based snow is not allowed in the installations classified for environmental protection. (Viewable in brochure 1001 of the Official Gazette, the numbers 1431, 1432, 1433 and 1434) despite its low content of ammonium salt added as a fire retardant

B. After application, cotton based snow rapidly decomposes especially when water is added manually or naturally as rain (dust produced from wood products). For consideration, the ammonium salt is always present, but it dissolves in water.

XIII - DISPOSAL

Flocked Product: When applied to surfaces that are not sensitive to water remove by running a stream of water over the site.

On lawns, roll up base laid before flocking, and remove from site for disposal. Rake or vacuum up any residual material left on lawns and remove from site for disposal. Any small white particles left will degrade rapidly.

XIV - TRANSPORT INFORMATION

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There are no transport issues or restrictions associated with this product.

XV - REGULATORY INFORMATION

Our product is not considered a risk under the French Health Code or the French Health and Safety Regulations.

XVI - OTHER INFORMATION

A / Our snow scene cotton based fibres should only be used for snow or snow decoration following the Pyrofolie's flocking process. When our process is not followed or our machinery not used we are not responsible for the outcome. The use of other cotton based snow not provided by Pyrofolie's can clog our system.

Do not apply in bad weather. Similarly, our warranty does not cover damages of any nature whatsoever due to misuse or failure to follow our guidelines.

B / Protect when applying outdoors snow protect vehicles and windows etc. Avoid applying the product when there is a strong wind. If necessary the cotton based snow used in our process can be cleaned with a water jet, or by using a vacuum cleaner or brush. You must avoid applying to natural plants that are not resistant to our added fire retardant (ammonium salt)

C / Plants and sensitive foliage: Avoid applying our flameproof cotton based snow to natural plants. This can damage the foliage turning it brown and cause burns. Spruce fir and Nordmann fir trees are highly recommended. For fragile plants use our other product without flame retardant.

D / Once applied and dry (takes 2 to 3 days depending on humidity), cotton based snow (with glue cotton hardens and is weather resistant as long as there is not incessant heavy rain, and it isn't excessively windy (i.e. storm like conditions)

E / Other Considerations: Avoid applying on freshly painted or stained media as well as directly on the ground. Our product will absorb colours from certain other materials.

It is highly recommended it is used only outside. Ask in advance before using the snow directly on lawns thatched roofs or other natural materials.

Avoid applying too thickly to vertical surfaces as the weight of the cotton can lead to snow product not sticking correctly.

When laid very thinly the cotton based snow will be washed off in the rain.

MSDS issued on the 26th of December 2016 by the decree of November 9, 2004 and section R.231-53 of the Labour Code.

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