

FAUX SNOW

MATERIAL SAFETY DATA SHEET



PRODUCT: FAUX SNOW

MSDS Issued By:

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Not classified as hazardous according to the Criteria of NOHSC

IDENTIFICATION

PRODUCT NAME: FAUX SNOW

COMPOSITION: Super-absorbent Polymer

PRODUCT CODE: Faux Snow

RISK PHRASE(S): Not assigned

SAFETY PHRASE(S): This product swells in water and may produce slippery conditions and must not be swallowed

POISONS SCHEDULE: Not Applicable

U.N. NUMBER: None allocated

PACKING GROUP: None allocated

DANGEROUS GOODS CLASS: Not Applicable

HAZCHEM CODE: None allocated

HAZARD CLASS: Not Assigned

USE:

Major Recommended Use: As an imitation snow

Major Recommended Method of Use: Mix by hand or approved applicator

COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number	Proportion
Super Absorbent Polymer	9003-04-7	100%

PHYSICAL AND CHEMICAL PROPERTIES

Form:	Micro Bead Powder
Colour:	White
Odour:	None
pH:	Neutral (6.0 - 8.0)
Melting point:	Not Applicable
Auto Ignition Temperature:	607°C
Vapour pressure:	Not Applicable
Specific gravity:	Not Applicable
Flashpoint:	Not Applicable
Flammability Limits:	Low Combustibility
Solubility in water:	Insoluble- forms an expansive gel
Bulk Density:	670kg/m ²

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Swallowed:	Do Not Swallow- Not toxic LD50/oral/rat>5000mg/kg.
Eye:	By analogy with similar products tested according to the Draize techniques this material should produce no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular material have on conjunctivae.
Skin:	Non-sensitising – Not irritating to the skin.
Inhaled:	The product is not expected to be toxic by inhalation.
Chronic	No hazards which require special first aid measures.

STABILITY AND REACTIVITY

Stability:	Product is stable, no hazardous polymerization will occur.
Materials to avoid:	Oxidising agents may cause exothermic reactions. The product swells significantly in water.
Hazardous decomposition:	Thermal decomposition may produce hydrogen cyanide, nitrogen oxides (NOx) _y , carbon oxides (CO and CO ₂).

FIRST AID

Swallowed:	Do not Swallow. Remove powder or granules efficiently prior to ingesting water. By analogy with similar products, this product is not expected to be toxic
Eye:	Rinse immediately with plenty of water, continuing for 15 minutes, including under the eyelids. If irritation persists, seek medical assistance
Skin:	No hazards which require special first aid measures
Inhaled:	No hazards which require special first aid measures
Advice to doctor:	No specific advice exists for this product, treat the patient symptomatically – product swells significantly in contact with moisture.

PERSONAL PROTECTIVE EQUIPMENT/EXPOSURE CONTROLS

Respirator Type:	Not Applicable for typical applications/ Dust mask and Goggles if handling bulk quantities
Eye Protection:	Safety glasses with side shields. Do not wear contact lenses.
Glove Type:	No special protective clothing required. Rubber gloves recommended.
Clothing:	No special protective clothing required.
Other:	A local eyewash station is recommended.
Hygiene:	Wash hands before breaks and at the end of the workday. Handle in accordance with good industrial hygiene and safety precautions.

PRECAUTIONS FOR USE

Exposure Standards:	None directly allocated to this product- work to environmental dust criteria
Engineering Controls:	Ensure adequate ventilation, especially in confined areas
Mechanical Handling:	Minimise handling - As per Safe Work Procedure
Dilution Ventilation:	Natural Ventilation

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Handling:	Avoid prolonged contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of the workday. CAUTION – Wet areas may be slippery.
Storage:	Store in a cool, dry place (0-35°C).
Transport:	Not classified as dangerous.

SPILLS PROCEDURE:

Personal Precautions:	No special precautions required.
Environmental Precautions:	Do not flush into surface water drains or sanitary sewer system. Dispose of in accordance with local and national regulations.
Methods for Cleaning Up:	Do not flush with water. Clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning flush traces away with water.
Incineration/Landfill Conditions:	Can be land filled or incinerated when in compliance with local and national regulations.

FIRE / EXPLOSION HAZARD

Hazards of Use/Storage: Low hazard.
Slip hazard if spilt on floor and mixed with liquid (water).

List of Dangerous Decomposition Or Combustion Products: Thermal decomposition may produce hydrogen cyanide, carbon oxides and nitrogen oxides (NO) as per all organic products.

Fire-fighting Recommendations: None

Type of Extinguisher/ Fire-fighting agents: Water, water spray, foam, carbon dioxide (CO₂), dry powder

Protective Clothing: No special protective equipment required

Reactivity: Like most materials in powder form, is able to cause dust explosion

Hazchem code: None allocated

FLAMMABILITY

Fire/Explosion Hazard: **Low Combustibility- chars on ignition- brief burning period**
Emits toxic fumes under fire conditions as per all organic materials. This material, like most materials in powder form, is able to cause dust explosion.

Source of Ignition Advice: Will burn with extended flame application

ECOLOGICAL INFORMATION

Toxicity and Ecotoxicity: Ecological toxicity is not known or expected under normal use.
Aquatic toxicity is unlikely due to low solubility.

Bioaccumulation: The product is not expected to bioaccumulate.

Persistence/Degradability: Not readily biodegradable - <10% after 28 days

Regulatory Information: This product is not a hazardous article and need not be labeled according to amended EC Directives.

OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of my knowledge, information and belief at the date of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not considered to be a warranty or quality specification. The information relates only to the nominated product and may not be valid for such material when used in combination with any other materials or in any process unless specified in the text.

-----END OF MSDS-----

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