



Safety Sheet

according to NOM-018-STPS-2015

IMPERSHIELD BIOSEAL MYCELIUM

1-Product

Product Name: BIOSEL MYCELIUM
Chemical Name: Natural vegetable copolymer
Chemical Family: Stretched acrylic-like copolymer
Usage: Impregnation product on mycelium composites
Manufacturer Information: IMPERSHIELD EUROPE B.V.
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2-Hazard Identification

Classification SGA

Acute Toxicity	Category 5
Warning	⚠ Attention
Hazard Statements	May be harmful if swallowed
Skin Irritation	Category 3
Warning	⚠ Attention
Hazard Statements	Causes mild skin irritation
Eye Irritation	Category 2B
Warning	⚠ Attention
Hazard Statements	Causes eye irritation

Precautions

If swallowed, do not induce vomiting, consult a doctor. Contact for very long periods of time with the skin can cause a slight irritation on delicate skin. Wash thoroughly with plenty of water and mild or neutral soap. Contact with the eyes can irritate and form a film on the membrane of eye. Wash thoroughly with direct stream of water for 15 minutes, a medical check-up is recommended.

3-Composition/Information on Ingredients

Percent by Weight	Components No.	Cas No.	Classification
9,5 - 10,5 %	Natural vegetable copolymer similar to styrene acrylic	N/A	Acute toxicity category 5 Skin irritation category 3 Eye irritation category 2B

4-First Aid

Intake

If swallowed, do not induce vomitin , see a doctor.

Eye Contact

In case of contact with eyes wash thoroughly with direct stream of water for 15 minutes, a medical check-up is recommended.

Skin Contact

Contact for very long periods of time with the skin can cause a slight irritation on delicate skin, wash thoroughly with plenty of water and mild or neutral soap.

6-Steps to Be Taken in Case of an Accidental Spill or Leak

Non-hazardous product. The use of safety glasses, an apron, gloves and rubber boots are recommended as precaution. In the event of a container leak, stop the leak by covering the source, if possible, rotate the container so that the source is facing up. Transfer the material. In case of a storage tank, it is recommended to plug it without risk, and once it is empty, proceed to its repair, if possible, transfer the material. In case of spillage form a dam with absorbent material (sand) or with the spill containment kit, preventing the product from spreading or reaching the drains, collect as much as possible and deposit it in suitable containers for disposal, considering that this product is not dangerous. The residues that remain on the surface must be washed with water, ensuring that the place is clean.

7-Handling and Storage

Under normal storage and handling conditions, the product has excellent stability and does not require special precautions. Store indoors to avoid creaming or freezing.

8-Exposure Controls / Personal Protection

Non-hazardous product. It is recommended as a preventive measure the use of safety glasses, an apron, gloves and rubber boots. This product does not emit gases only water vapor. It can be used indoors, however it is advisable to handle this product in places with normal ventilation.



9-Physical and Chemical Properties

Physical State:	Liquid, bluish white color.
Smell:	Characteristic smell
PH:	7.5 – 9.5
Initial Boiling Point and Range:	100° C
Flashpoint:	N/A
Evaporation Rate:	N/A
Upper / Lower flammability or Explosive Limit:	N/A
Vapor Density:	0.62 (water) (air=1)
Relative Density:	1.0 gr./cm ³ (@ 22°C approx.)
Solubility (ies):	in water 17 mm Hg (water) at all emulsion ratios
Autoignition Temperature:	N/D
Molecular Weight:	N/D
Percentage of Volatility:	N/A only forms water vapor

10-Physical and Chemical Properties

Chemical Stability:	stable substance
Conditions to Avoid:	N/A
Incompatible Materials:	Acids and alkaline materials (such as caustic soda or potash) (with other materials) Excess charges such as carbonates and oxidizing agents (peroxides) Acrylic thickeners can cause clotting
Hazardous Decomposition Products:	N/A

11-Toxicological Information

Immediate and delayed effects, as well as chronic effects produced by a short or long term exposure:	
Ingestion	Could cause upset stomach
Eye Contact	In case of contact with eyes wash thoroughly with direct stream of water for 15 minutes, a medical check-up is recommended
Skin Contact	If there is direct contact with the skin for very long periods of time with the skin can cause a slight irritation on delicate skin, wash thoroughly with plenty of water and mild or neutral soap.

12- Ecotoxicological Information

No product data available.

13-Information Regarding the Disposal of the Products

This product is defined as a non-hazardous material for the environment. The disposal of this product or its residue must be carried out following the legal provisions established in your locality, also considering the mixture that will be made by substances other than the product.

14-Information Regarding the Disposal of the Products

Classes of Hazards in Transport	N/A
Environmental Risks	N/A
Special Precautions for the User	N/A

For transportation purposes, this product is defined as a non-hazardous material.

15-Regulatory Information

Intended for use by professional users only.

16-Other Information

Unloading

The information is believed to be correct, but is not exhaustive, and will be used only as an indication, which is based on current knowledge of the chemical or mixture and is applicable to the appropriate safety precautions for the product.

Statement

Impershield Europe B.V. publishes the information contained herein in good faith, however, makes no representation as to

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For more information contact an Impershield advisor or go to impershield.eu