

SAFETY DATA SHEET

1. Identification

Product identifier	Lightweight plaster-based ceiling tiles
Other means of identification	
SDS number	752526
Additional Products	N/A
Synonyms	N/A
Recommended use	Lay-in ceiling tile used in suspended t-bar grid system.
Recommended restrictions	Use in accordance with manufacturer's recommendations.
Manufacturer information	
Company name	Innovative Cast Inc.
Address	75 Fernstaff Court, Unit 25 & 26 Concord, Ontario, CANADA L4K 3R4
Telephone	(905) 660-CAST (2278)
Website	www.innovativecast.com
Emergency phone number	(905) 660-CAST (2278)

2. Hazard(s) identification

Physical hazards	Not classified.
Health hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	None.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Get medical attention/advice if you feel unwell.
Storage	Store as indicated in Section 7.
Disposal	Dispose of in accordance with local, state and federal regulations.
Hazard(s) not otherwise Classified (HNOC)	None known.

3. Composition/information on ingredients

General Composition

Chemical Name	CAS number	% (by volume)
Plaster of Paris	26499-65-0	20
Porous Glass Spheres	65997-17-2	70
1/2" Fiberglass Strands	65997-17-3	1
Water	7732-18-5	9

4. First-aid measures

Inhalation

Ceiling tiles are casted and formed to a specific shape or design during manufacture and does not release any hazardous chemical under normal conditions of use. Dust is created if tiles are cut. Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin contact

If dust is created due to cutting of tile and gets in contact with skin, rinse area with plenty of water. Obtain medical attention if irritation develops or persists.

Eye contact

If dust is created due to cutting of tile and gets in contact with eyes, do not rub eyes. Flush with plenty of water. Obtain medical attention if irritation develops or persists.

Ingestion

If swallowed, do NOT induce vomiting, seek medical attention immediately and show this document.

Most important symptoms/ effects, acute and delayed

Under normal conditions of intended use, this product is not expected to be a health risk. If product is cut, dust may irritate throat and respiratory system and cause coughing.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

General information

Ensure that medical personnel are aware of the material(s) involved.

5. Fire-fighting measures

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media

Not applicable.

Specific hazards arising from the substance or mixture

Not flammable. Not a fire hazard.

Special protective equipment and precautions for firefighters	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Use standard firefighting procedures and consider the hazards of other involved materials.
Specific methods	Cool material exposed to heat with water spray and remove it if no risk is involved.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures See section 8 of the SDS for Personal Protective Equipment.

Methods and materials for Containment and cleaning up Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. Containers must be labeled. Collect in approved containers and seal securely. For waste disposal, see Section 13 of the SDS.

Environmental precautions Avoid discharge to drains, sewers, and other water systems.

7. Handling and storage

Precautions for safe handling Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking and when leaving work.

Conditions for safe storage, including any incompatibilities Store in a cool, dry, well-ventilated place on firm level ground and to preserve stability, do not stack tiles/cartons more than 3 high. Store away from incompatible materials. Avoid contact with water and moisture.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Value	Form
Plaster (CAS 26499-65-0)	5 mg/m ³	Respirable fraction.
	15 mg/m ³	Total Dust.
Fibrous Glass (CAS 65997-17-3)	5 mg/m ³	Respirable fraction.
	15 mg/m ³	Total Dust.
Soda Lime Glass	5 mg/m ³	Respirable fraction.
	15 mg/m ³	Total Dust.

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Provide sufficient ventilation for operations such as cutting or drilling the product causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear approved safety goggles when drilling or cutting the product.
Skin protection	It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact, use suitable protective gloves.
Other	Normal work clothing (long sleeved shirts and long pants) is recommended.
Respiratory protection	When drilling or cutting product, use local exhaust system to control dust and an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure.
Thermal hazards	None.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment separately from regular wash. Observe any medical surveillance requirements.

9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Ceiling tile with square edges.
Colour	White.
Odor	No odor.
Odor threshold	Not applicable.
pH	6 – 8
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Lower flammable limit	Not applicable.
Upper flammable limit	Not applicable.
Explosive limit – lower	Not applicable.
Explosive limit – upper	Not applicable.

Lightweight plaster-based ceiling tiles

SDS CDN

Vapour density	Not applicable.
Bulk density	50 lbs/ft ³
Solubility (water)	1.56g/100g (H ₂ O)
Partition coefficient (n-octanol/water)	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition temperature	2642 °F (1450 °C)
Viscosity	Not applicable.

10. Stability and reactivity

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical stability	Material is stable under normal conditions (see section 7).
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Incompatible materials.
Incompatible materials	Exposure to water and moisture.
Hazardous decomposition products	None known.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Ingestion may cause irritation and stomach discomfort.
Inhalation	Airborne dust (due to drilling or cutting product) may irritate throat and upper respiratory system causing coughing.
Skin contact	Under normal conditions of intended use, this product does not pose a skin hazard.
Eye contact	Direct contact with airborne particulates (due to drilling or cutting the product) may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics	Dust (due to drilling or cutting product) may irritate eyes and mucous membranes of the nose, throat and upper respiratory system causing sneezing and/or coughing.
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Information on toxicological effect

Acute toxicity	Not expected to be a hazard under normal conditions of intended use.
Skin corrosion/irritation	Not a skin irritant.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not expected to cause respiratory sensitization based on non-skin sensitization history.

Skin sensitization Not a skin sensitizer.

Germ cell mutagenicity No evidence of mutagenic potential exists.

Carcinogenicity No evidence of carcinogenic potential exists.

IARC Monographs, Overall Evaluation of Carcinogenicity

Fibrous glass (CAS 65997-17-3) Group 3, not classified as to carcinogenicity to humans.

NTP Report on Carcinogens

Fibrous glass (CAS 65997-17-3) Reasonably anticipated to be a human carcinogen (certain glass wool fibers (Inhalable))

Reproductive toxicity Not expected to be a reproductive hazard.

Specific target organ toxicity - Single exposure No data available, but none expected.

Specific target organ toxicity - Repeated exposure No data available, but none expected.

Aspiration hazard Due to the physical form of the product it is not an aspiration hazard.

Chronic effects No other specific acute or chronic health impact noted.

12. Ecological information

Ecotoxicity The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Other adverse effects Stable products with no known adverse environmental effects.

13. Disposal considerations

Disposal instructions Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations Dispose of in accordance with local regulations.

Hazardous waste code Not regulated.

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated packaging Dispose of in accordance with local regulations.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and The IBC Code

Not applicable. This product is a solid. Therefore, bulk transport is governed by IMSBC code.

15. Regulatory information

US federal regulations

This product is not hazardous according to OSHA 29 CFR 1910.1200.

16. Other information, including date or preparation or last revision

Issue date

March 1, 2016

Revision date

Version #

01

Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Disclaimer

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. The information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.