1. IDENTIFICATION

PRODUCT NAME: Pinnacle Health Acoustical Ceiling Panels

OTHER MEANS OF IDENTIFICATION: Not applicable
RECOMMENDED USE OF THE CHEMICAL AND RESTRICTION ON USE: Internal Ceiling Panels
DETAILS OF MANUFACTURER OR IMPORTER:

National Ceiling Systems Pty Ltd
PO Box 201, Ballarat North LPO VIC 3350

PHONE NUMBER: 1300 627 001

EMERGENCY TELEPHONE NUMBER: Poisons Information Centre (13 11 26)

2. HAZARD(S) IDENTIFICATION

HAZARDOUS NATURE:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified, according to the Globally Harmonised System (GHS).

HAZARD SYMBOL: None
SIGNAL WORD: None
HAZARD STATEMENT: None
PRECAUTIONARY STATEMENTS: None

3. COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISATION: Mixtures

DESCRIPTION: Mixture of substances listed below with non-hazardous additions making up the balance.

NON-HAZARDOUS COMPONENTS		
N/A	SLAG WOOL FIBRE	< 80%
CAS: 1332-58- 7	KAOLIN	< 10%
CAS: 9005-25-8	STARCH	< 10%
CAS: 21645-51-2	ALUMINIUM HYDROXIDE	< 2%
CAS: 471-34-1	CALCIUM CARBONATE	< 2%
CAS: 65997-17-3	CONTINUOUS FILAMENT GLASS FIBRE	< 2%

ADDITIONAL INFORMATION: All concentrations are in percent by weight unless ingredient is a gas. Raw materials and/or coatings in this product contain small amounts of titanium dioxide, which has been classified as possibly carcinogenic to humans by the International Agency for Research on Cancer (IARC). However, per IARC "no significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints" (1). See Section 16 for further information.

This product may contain <0.1% w/w crystalline silica as an impurity, based on available ingredient information. Under normal conditions of use, significant exposure to respirable crystalline silica is not expected. Where work activities may generate airborne dust, exposure should be assessed and appropriate controls implemented. Air monitoring should be undertaken where required to determine worker exposure or where there is uncertainty as to whether the applicable workplace exposure standard/limit may be exceeded.

4. FIRST AID MEASURES

INHALATION: Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

SKIN CONTACT: Rinse area with plenty of water. Get medical attention if irritation develops or persists.

EYE CONTACT: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION: Rinse mouth. Get medical attention if symptoms occur.

SYMPTOMS CAUSED BY EXPOSURE:

Inhalation: Dust irritates the respiratory system and may cause coughing and difficulties in breathing.
Skin Contact: Dusts may cause skin irritation.
Eye Contact: Dusts may cause eye irritation.
Ingestion: Dusts may cause gastrointestinal irritation.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use fire extinguishing methods suitable to surrounding conditions, such as water and/or dry chemical fire extinguisher. Use standard firefighting procedures & consider the hazards of other involved materials.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Not a fire hazard. No unusual fire or explosion hazards noted.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: Selection of respiratory protection for firefighting is to follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: See Section 8 of the SDS for Personal Protective Equipment.

ENVIRONMENTAL PRECAUTIONS: Avoid discharge to drains, sewers, and other water systems.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: No specific clean-up procedure noted. For waste disposal, see Section 13 of the SDS.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Use work methods which minimise dust production. Avoid inhalation of dust and contact with skin and eyes. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices.

CONDITIONS FOR SAFE STORAGE: Store in a cool, dry and well-ventilated area. Protect from excessive moisture and high humidity. Store away from incompatible materials.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE STANDARDS	
CAS: 471-34-1 - CALCIUM CARBONATE	
WES	TWA:10mg/m^3
CAS: 65997-17-3 - CONTINUOUS FILAMENT GLASS FIBRE	
WES	TWA:2mg/m^3
CAS: 1332-58- 7 - KAOLIN	
WES	TWA:10mg/m^3
CAS: NOT APPLICABLE - SLAG WOOL FIBRE	
WES	TWA:2mg/m^3
CAS: 9005-25-8 - STARCH	
WES	TWA:10mg/m^3

ENGINEERING CONTROLS: Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure. Cut and trim with a utility knife or hand saw to minimize dust levels. If a router is used it must have a dust collection system. Operations such as power cutting, power kerfing or using compressed air to remove dust are not recommended (2). See Section 16 for further information.

RESPIRATORY PROTECTION: Where an inhalation risk exists, wear a Class P1 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

SKIN PROTECTION: Skin protection is not required under normal use conditions. It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves. Normal work clothing (long sleeved shirts and long pants) is recommended.

EYE AND FACE PROTECTION: Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

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 to remove contaminants. Observe any medical surveillance requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES	
Form	Solid
Colour	White or coloured surface with beige or grey core
Odour	Low to no odour
Odour Threshold	No information available
pH Value	9
Melting Point/Freezing Point	Not applicable
Initial Boiling Point/Boiling Range	Not applicable
Flash Point	Not applicable
Flammability	No applicable
Auto-Ignition Temperature	Not determined
Decomposition Temperature	1000°C
Explosion Limits - Lower	Not applicable
Explosion Limits - Upper	Not applicable
Vapour Pressure	Not applicable
Bulk Density	~200-250 kg/m^3
Relative Density	0.2-0.24 (H2O=1)
Vapour Density	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Very low
Partition Co-efficient (n-octanol/water)	Not applicable
Viscosity	Not applicable
VOC (Weight %)	0%
Formaldehyde Emissions	Complies with Class E1 for Formaldehyde Emissions

10. STABILITY AND REACTIVITY

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerisation does not occur.
CHEMICAL STABILITY: Material is stable under normal conditions.
REACTIVITY: The product is stable and non-reactive under normal conditions of use, storage and transport.
CONDITIONS TO AVOID: Heat, excessive moisture and high humidity.
INCOMPATIBLE MATERIALS: Strong oxidizing agents. Strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Not expected to pose a risk to health under normal conditions of use. If product is not handled correctly or there is prolonged exposure the following effects could be realised:
INHALATION: Inhalation of dusts may cause respiratory irritation.
SKIN: May cause irritation through mechanical abrasion.
EYE: Direct contact with eyes may cause temporary irritation.
INGESTION: This product is not intended nor expected to be ingested or eaten. Ingestion may cause irritation and stomach discomfort.

ACUTE TOXITITY
INHALATION: Classified as not hazardous for acute inhalation exposure
SKIN CORROSION / IRRITATION: Prolonged skin contact may cause temporary irritation.
INGESTION: Ingestion may cause irritation and stomach discomfort.
SERIOUS EYE DAMAGE / SKIN IRRITATION: Direct contact with eyes may cause temporary irritation.
RESPIRATORY OR SKIN SENSITISATION: Not expected to cause respiratory sensitization based on non-skin sensitisation history. Not expected to be a skin sensitiser.
GERM CELL MUTAGENICITY: Not expected to be mutagenic.
CARCINOGENICITY: Classified as not a carcinogenic to humans.
REPRODUCTIVE TOXICITY: Not classified.
SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE: No data available, but none expected.
SPECIFIC TARGET ORGAN TOXICITY (STOT) - 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 HEALTH EFFECTS: No other specific acute or chronic health impact noted.
EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory conditions such as emphysema, bronchitis or asthma and skin conditions such as dermatitis may be aggravated by exposure to this product.
ADDITIONAL TOXICOLOGICAL INFORMATION: No information available

12. ECOLOLOGICAL INFORMATION

ECOTOXICITY: The product is 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.
AQUATIC TOXICITY: No further relevant information available.
PERSISTENCE AND DEGRADABILITY: No further relevant information available.
BIOACCUMULATIVE POTENTIAL: Bioaccumulation is not expected.
MOBILITY IN SOIL: No further relevant information available.
OTHER ADVERSE EFFECTS: None expected.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS AND CONTAINERS: Dispose of waste material in accordance with applicable local, state, and federal regulations. Alternatively, used ceiling tiles may be diverted from landfill through the National Ceiling Systems EnviroTile repurposing program, where eligible tiles are collected and processed for reuse as a beneficial product within the agricultural industry. Use appropriate containers and handling procedures to prevent environmental contamination during storage and disposal.
SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION: Please consult your state or local Land Waste Management Authority for more information .

14. TRANSPORT INFORMATION

UN NUMBER: Not regulated
PROPER SHIPPING NAME: Not regulated
DANGEROUS GOODS CLASS: Not regulated
PACKING GROUP: Not regulated

15. REGULATORY INFORMATION

AUSTRALIAN INVENTORY OF INDUSTRIAL CHEMICALS: All ingredients are listed.
STANDARD FOR THE UNIFORM SCHEDULING OF MEDICINES AND POISONS (SUSMP) - POISON SCHEDULE: Not Scheduled.

16. OTHER INFORMATION

DATE OF PREPARATION OR LAST REVISION: 04 February 2025
PREPARED BY: Global Compliance
ABBREVIATIONS AND ACRONYMS:
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
IARC: International Agency for Research on Cancer
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants)
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
VOC: Volatile Organic Compounds
GENERAL: Product has been independently tested by a certified Laboratory and this Safety Data Sheet reflects those findings.

FURTHER INFORMATION

Slag Wool Fibre: Large morbidity and mortality studies of both European and North American mineral wool manufacturing workers have been conducted. These studies have found no significant association of non-malignant (i.e. fibrosis) or malignant (i.e., lung cancer or mesothelioma) lung disease and exposures to slag wool fibres and have not established a causal relationship between exposure and non-malignant or malignant diseases. In 2001, the International Agency for Research on Cancer (IARC) assigned slag wool fibre to the Group 3 category ["not classifiable as to carcinogenicity to humans"].
The synthetic mineral fibre used in this product is exonerated from classification as a\ carcinogen in accordance with Note Q in the EU Commission Directive 97/69/EC.
Titanium dioxide: Raw materials and/or coatings in this product contain small amounts of titanium dioxide. The International Agency for Research on Cancer (IARC) has determined that titanium dioxide is possibly carcinogenic to humans (Group 2B) based on inadequate evidence in humans and sufficient evidence in experimental animals. This conclusion relates to long-term inhalation exposure to high concentrations of pigmentary (powdered) or ultrafine titanium dioxide. However, no significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints. The available human studies do not suggest an association between occupational exposure to titanium dioxide and risk for cancer. The US National Toxicology Program (NTP) has not listed this chemical in its report on carcinogens.

Continuous filament glass fibres: The International Agency for Research on Cancer (IARC) in June 1987, categorized continuous filament glass fibres as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify continuous filament glass fibre as a possible, probable, or confirmed cancer-causing material. NTP (US National Toxicology Program) and OSHA (US Occupational Safety and Health Administration) do not list continuous filament glass fibres as a carcinogen. As manufactured, continuous filament glass fibres in this product are not respirable. Continuous filament glass products that are chopped, crushed or severely mechanically processed during manufacturing or use may contain a very small amount of respirable particulate, some of which may be glass shards.

DISCLAIMER

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - June 2023". The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. National Ceiling Systems Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. Global Compliance is not able to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the circumstances in which the product is used.