SAFETY DATA SHEET

MINERAL FIBRE CEILING PANELS

According to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

NCS NATIONAL CEILING SYSTEMS

1. IDENTIFICATION

PRODUCT NAMES: Apex Ceiling Tile, Ridge Ceiling Tile, Speq Ceiling Tile

OTHER MEANS OF IDENTIFICATION: Mixture
OTHER NAME: Water Felted Mineral Fibre Ceiling Panel
RECOMMENDED USE OF THE CHEMICAL AND RESTRICTION ON USE: Ceiling Tiles
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: Nation 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).

SIGNAL WORD: None
HAZARD STATEMENTS: None
PRECAUTIONARY STATEMENTS: None

3. COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISATION: Mixtures

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

NON-HAZARDOUS COMPONENTS		
CAS: 93763-70-3	PERLITE	5-75%
CAS: 9004-34-6	CELLULOSE	1-25%
CAS: 9005-25-8	STARCH	5-15%
CAS: 1332-58 7	KAOLIN	0-15%
CAS: 1317-65-3	LIMESTONE	0-10%

ADDITIONAL 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: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

SKIN CONTACT: In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

EYE CONTACT: In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Do not rub or scratch eyes. Seek medical attention if symptoms occur.

INGESTION: If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

SYMPTOMS CAUSED BY EXPOSURE:

Inhalation: Dusts may cause respiratory irritation, coughing and sneezing.
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.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Hazardous combustion products include oxides of carbon, carbon particles and other decomposition products derived from the pyrolysis of organic materials. This product is not flammable but may burn or decompose in a fire. Product close to fire should be removed if safe to do so.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: Firefighters when fighting a major fire to wear self-contained breathing apparatus and protective equipment.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Wear approved class P1 (particulate) respirator, protective gloves and eye or face protectors for protection against dust. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

ENVIRONMENTAL PRECAUTIONS: In the event of a major spill, prevent spillage from entering drains or water courses.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Pick up large pieces and clean the area using a HEPA vacuum cleaner. Wet mopping and wiping are acceptable if vacuuming is not workable. Do not use compressed air.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Use of safe work practices are recommended when cutting the product to avoid eye or skin contact and inhalation of dust. To minimise dust generation when cutting the product hand tools are recommended in preference to power tools. If power tools are used, these should be fitted with dust extraction or other effective local ventilation. Always wash hands after use.

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE STANDARDS	
CAS: 93763-70-3 PERLITE	
WES	TWA:10mg/m³
CAS: 9004-34-6 CELLULOSE	
WES	TWA:10mg/m³
CAS: STARCH	
WES	TWA:10mg/m³
CAS:1332-58-7 KAOLIN	
WES	TWA:10mg/m³
CAS: 1317-65-3 LIMESTONE	
WES	TWA:10mg/m³ (as calcium carbonate)

ENGINEERING CONTROLS: Maintain air concentration below occupational exposure standards, providing adequate ventilation.

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. Protective gloves are recommended for prolonged contact. See Australian/New Zealand Standard AS/NZS 2161 for more information.

Occupational protective clothing (depending on conditions in which it must be used, as regards the period for which it is worn, which shall be determined based on the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES	
Form	Solid
Colour	White or coloured surface with beige or grey core
Odour	Odourless
Odour Threshold	No information available
pH Value	~9
Melting Point/Freezing Point	1200 °C
Initial Boiling Point/Boiling Range	Not applicable
Flash Point	Not applicable
Flammability	Not flammable
Auto-Ignition Temperature	Not determined
Decomposition Temperature	Not determined
Explosion Limits - Lower	Not applicable
Explosion Limits - Upper	Not applicable
Vapour Pressure	Not applicable
Bulk Density	~250-400 kg/m^3
Relative Density	~2.9
Vapour Density	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Very low
Partition Co-efficient (n-octanol/water)	Not applicable
Viscosity	Not applicable

10. STABILITY AND REACTIVITY

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerisation will not occur.
CHEMICAL STABILITY: Stable at ambient temperature and under normal conditions of use.
CONDITIONS TO AVOID: Heat, excessive moisture and high humidity.
INCOMPATIBLE MATERIALS: No further relevant information available.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, carbon particles and other decomposition products derived from the pyrolysis of organic materials.

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: May cause irritation to the nose, throat and upper respiratory tract.
SKIN: May cause irritation through abrasion.
EYE: May cause irritation through direct contact with airborne particulates.
INGESTION: May cause gastrointestinal irritation.
ACUTE TOXITITY
INHALATION: Classified as not hazardous for acute inhalation exposure
SKIN CORROSION / IRRITATION: Classified as not hazardous for acute exposure.
INGESTION: Classified as not hazardous for acute exposure.
SERIOUS EYE DAMAGE / SKIN IRRITATION: Classified as not corrosive or irritating to eyes or skin.
RESPIRATORY OR SKIN SENSITISATION: Classified as not a respiratory or skin sensitiser.
GERM CELL MUTAGENICITY: Classified as not a mutagen.
CARCINOGENICITY: Classified as not a carcinogenic to humans.
REPRODUCTIVE TOXICITY: Classified as not a reproductive toxin.

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE: Classified as not being a specific hazard to target organs by a single exposure.
SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE: Classified as not being a specific hazard to target organs by repeat exposure.
ASPIRATION HAZARD: Classified as not being an aspiration hazard.
CHRONIC HEALTH EFFECTS: No information available.
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: No adverse ecological effects are noted.
AQUATIC TOXICITY: No further relevant information available.
PERSISTENCE AND DEGRADABILITY: No further relevant information available.
BIOACCUMULATIVE POTENTIAL: No further relevant information available.
MOBILITY IN SOIL: No further relevant information available.
OTHER ADVERSE EFFECTS: No further relevant information available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS AND CONTAINERS: Dispose according to applicable local and state government regulations.
SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION: Please consult your state 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: 25 July 2024
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
GENERAL: Product has been independently tested by a certified Laboratory and this Safety Data Sheet reflects those findings.

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.