



Printing date 13.11.2019

# Safety Data Sheet

according to WHS Regulations

Revision: 13.11.2019

## 1 Identification

**Product Name:** OLYMPUS

**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:**

USG Boral Building Products Pty Limited (ACN 004 231 976)

251 Salmon Street

Port Melbourne VIC 3207

**Phone Number:** 1800 811 222

**Emergency telephone number:** National Poison 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 Characterization:** Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

**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% respirable silica present as an impurity in the ingredients. Exposure to this product is not likely to cause harm under normal conditions, but it is recommended to determine the actual exposure through workplace testing.

## 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.

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**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 irritation to the nose, throat and upper respiratory tract. May cause coughing and sneezing.

Skin Contact: Dusts may cause mechanical skin irritation.

Eye Contact: Dusts may cause mechanical 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.

**Specific Hazards Arising from the Chemical:**

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:**

When fighting a major fire 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 is 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. In order 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 heat, excessive moisture and high humidity. Protect from physical damage.

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## 8 Exposure Controls and Personal Protection

<b>Exposure Standards:</b>	
<b>CAS: 93763-70-3 Perlite</b>	
WES	TWA: 10 mg/m <sup>3</sup>
<b>CAS: 9004-34-6 Cellulose</b>	
WES	TWA: 10 mg/m <sup>3</sup>
<b>CAS: 9005-25-8 Starch</b>	
WES	TWA: 10 mg/m <sup>3</sup>
<b>CAS: 1332-58-7 Kaolin</b>	
WES	TWA: 10 mg/m <sup>3</sup>
<b>CAS: 1317-65-3 Limestone</b>	
WES	TWA: 10 mg/m <sup>3</sup> 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. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of 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

**Appearance:**

<b>Form:</b>	Solid
<b>Colour:</b>	White or coloured surface, beige or grey core
<b>Odour:</b>	No information available
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	~9
<b>Melting point/freezing point:</b>	1200 °C
<b>Initial Boiling Point/Boiling Range:</b>	Not determined
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable

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<b>Vapour Pressure:</b>	Not applicable
<b>Bulk Density:</b>	~250 - 400 kg/m <sup>3</sup>
<b>Relative Density:</b>	~2.9
<b>Vapour Density:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Very low
<b>Partition Coefficient (n-octanol/water):</b>	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

**Toxicity:**

**Acute Health Effects**

**Inhalation:**

Dusts may cause irritation to the nose, throat and upper respiratory tract. May cause coughing and sneezing.

**Skin:** Dusts may cause mechanical skin irritation.

**Eye:** Dusts may cause mechanical eye irritation.

**Ingestion:** Dusts may cause gastrointestinal irritation.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:**

Polyvinyl acetate is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**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

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### 12 Ecological Information

**Ecotoxicity:** No adverse ecological effects are expected.**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 Chemical Substances:** All ingredients are listed.**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not Scheduled.

### 16 Other Information

**Date of Preparation or Last Revision:** 13.11.2019**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

**Data altered compared to the previous version:**

Section 1: Details of Manufacturer or Importer.

Section 1: Phone Number.

Section 3: Hazardous Components.

Section 3: Additional Information.

Section 4: Symptoms Caused by Exposure.

Section 5: Specific Hazards Arising from the Chemical.

Section 6: Personal Precautions, Protective Equipment and Emergency Procedures.

Section 6: Methods and Materials for Containment and Cleaning Up.

Section 7: Precautions for Safe Handling.

Section 7: Conditions for Safe Storage.

Section 8: Exposure Standards.

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Section 8: Respiratory Protection.

Section 8: Skin Protection.

Section 11: Toxicity.

Section 11: Inhalation.

Section 11: Skin.

Section 11: Eye.

Section 11: Ingestion.

Section 11: Carcinogenicity.

Section 11: Chronic Health Effects.

Section 15: Australian Inventory Of Chemical Substances.

## **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 - February 2016"

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