Safety Data Sheet
according to WHS Regulations

Printing date 20.06.2022 Revision: 20.06.2022

1 Identification

Product Name: Nasahi Panel

Other Means of Identification: Article

Product Code: NASAHI SUPER 50, NASAHI SUPER 62, NASAHI SUPER 75

Recommended Use of the Chemical and Restriction on Use:
Nasahi Panels are designed to be used in new dwelling construction, extensions or re-cladding for houses & low rise multi-residential external walls, party walls, floors and fences using timber or steel frames.

Details of Manufacturer or Importer:
AAC Building Products Pty Ltd T/A Nasahi
1331 Stud Road
Rowville VIC 3178

Phone Number: 1300 262 724

Emergency telephone number: National Poisons Information Centre: 13 11 26
Email: sales@nasahi.net.au

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), IATA and IMDG/IMSBC.
The product is not classified, according to the Globally Harmonised System (GHS).

Signal Word None

Hazard Statements None

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:			
CAS: 1344-95-2	Silicic acid, calcium salt		70%
CAS: 14808-60-7	Quartz (SiO_2)	Carcinogenicity 1A, H350i; STOT RE 1, H372	23%
CAS: 7778-18-9	Calcium sulfate		5%

Additional information:
The product as a whole does not present any hazards. However, dust produced during processing or installation may be hazardous.
The percentage given for quartz represents the total amount, not the respirable fraction. This product may contain small quantities of respirable quartz present as an impurity in the ingredients. Respirable crystalline silica is a known carcinogen and can cause serious lung damage. 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. 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 irritation occurs.

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Eye Contact:
In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion:
If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water to drink. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:
Inhalation: Dust may cause respiratory irritation, coughing, wheezing, sneezing and breathing difficulties.
Skin Contact: Prolonged skin contact may cause mild irritation.
Eye Contact: Dust may cause eye irritation, redness, watering and swelling.
Ingestion: May cause gastrointestinal irritation, abdominal pain, nausea, diarrhoea and vomiting.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use water, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Chemical:
No hazardous decomposition products known.
Product is not flammable.
Product close to fire should be removed only if safe to do so.
Minimise run-off from fire fighting entering drains or water courses.

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 dust/particulate filter respirator and full protective clothing. 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 up the small pieces and dusts with a vacuum equipment with HEPA filters or wet sweeping. Water spray can be used to suppress dust. Do not use compressed air. Place into suitable containers for disposal or salvage.

7 Handling and Storage

Precautions for Safe Handling:
Use of safe work practices are recommended when cutting or sanding product to avoid eye or skin contact and inhalation of dust. Single person manual lifting of this product is not recommended as the dry mass of a Nasahi panel is up to 53 kg/m² and without due care and attention may result in personal injury. Any manual lifting should be undertaken as a team lift. It is recommended that prior to manual lifting a manual lift assessment be undertaken.
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. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet.

Conditions for Safe Storage:
Store in a cool, dry and well ventilated area. Keep panels covered in protective wrap on transport pallets until ready for use. Pallets must be placed on flat ground.

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8 Exposure Controls and Personal Protection

Exposure Standards:	
CAS: 1344-95-2 Silicic acid, calcium salt	
WES	TWA: 10 mg/m³
CAS: 14808-60-7 Quartz (SiO2)	
WES	TWA: 0.05 mg/m³ respirable dust
CAS: 7778-18-9 Calcium sulfate	
WES	TWA: 10 mg/m³
Nuisance dust	
WES	TWA: 10 mg/m³

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Respiratory Protection:
Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:
Impervious, tear resistant gloves. Recommended material: PVC. 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:	
Form:	Solid flat panels
Colour:	White
Odour:	Odourless
Odour Threshold:	No information available
pH-Value:	9 - 10
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	Not applicable
Flammability:	Product is not flammable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available

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Vapour Pressure:
Relative Density: No information available
Solubility in Water: Insoluble

10 Stability and Reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: No hazardous decomposition products known.

11 Toxicological Information

Toxicity:

LD50/LC50 Values:		
CAS: 14808-60-7 Quartz (SiO2)		
Oral	LD50	500-22,500 mg/kg (rat)

Acute Health Effects
Inhalation: Dust may cause respiratory irritation, coughing, wheezing, sneezing and breathing difficulties.
Skin: Prolonged skin contact may cause mild irritation.
Eye: Dust may cause eye irritation, redness, watering and swelling.
Ingestion: May cause gastrointestinal irritation, abdominal pain, nausea, diarrhoea and vomiting.

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:
Crystalline silica dust, in the form of quartz or cristobalite is classified by IARC as Group 1 - Carcinogenic 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:
The prolonged and repeated exposure (by inhalation) to respirable (crystalline) silica causes silicosis, a debilitating lung disease. The crystalline silica dust is practically insoluble in body fluids and can be deposited in lungs. Cigarette smoking can reduce the clearance of crystalline silica. The data indicate that the relative lung cancer risk is increased for people with silicosis.

Existing Conditions Aggravated by Exposure: Respiratory conditions.

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12 Ecological Information

Ecotoxicity:

Aquatic toxicity:
No adverse ecological effects are expected. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

CAS: 14808-60-7 Quartz (SiO2)	
LC50/96 h	>10,000 mg/l (brachydanio rerio)

Persistence and Degradability: Not biodegradable.

Bioaccumulative Potential: No data available on finished product.

Mobility in Soil: No data available on finished product.

Other adverse effects: When mixed with water crushed product will form a neutral to slightly alkaline slurry.

13 Disposal Considerations

Disposal Methods and Containers:
Nasahi panel can be treated as common waste. Measures should be taken to minimise dust generation during disposal.
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
ADG, IMDG, IATA Not regulated

Proper Shipping Name
ADG, IMDG, IATA 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 a scheduled poison.

16 Other Information

Date of Preparation or Last Revision:
Preparation date: 20.06.2022
SDS expiry date: 20.06.2027

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
ADG: Australian Dangerous Goods
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
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)
Carcinogenicity 1A: Carcinogenicity – Category 1Ai
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

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 - July 2020”
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