

Safety Data Sheet

according to WHS & OHS Regulations

Print date: 18.11.2025

Revision date: 12.11.2025

1 Identification

Product Name: Nasahi Adhesive**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:**

Adhesive for Nasahi Cladding System.

Nasahi AAC Adhesive is supplied as a blended dry powder. Prior to application, the powder is mixed with water to a slurry and is then trowelled onto panels or block work.

Details of Manufacturer or Importer:AAC Building Products T/A Nasahi
1331 Stud Road
Rowville VIC 3178**Phone Number:** 1300 262 724**Emergency telephone number:** National Poisons Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.



GHS05 Corrosion

Skin corrosion/irritation – Category 1A

Eye damage/irritation – Category 1

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.



GHS07

Skin sensitisation – Category 1

Specific target organ toxicity (single exposure) – Category 3

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Signal Word Danger**Hazard Statements**

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Precautionary Statements

P260 Do not breathe dusts or mists.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

(Contd. on page 2)

Safety Data Sheet

according to WHS & OHS Regulations

Print date: 18.11.2025

Revision date: 12.11.2025

Product Name: Nasahi Adhesive

(Contd. of page 1)

P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 65997-15-1	Cement, portland, chemicals	20-35%
	☞ Eye damage/irritation – Category 1, H318; ☞ Skin corrosion/irritation – Category 2, H315; Skin sensitisation – Category 1, H317; Specific target organ toxicity (single exposure) – Category 3, H335	
CAS: 14808-60-7	Quartz (SiO ₂)	0-0.5%
	☞ Carcinogenicity – Category 1A, H350i; Specific target organ toxicity (repeated exposure) – Category 1, H372	

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 symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if symptoms occur.

Ingestion:

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

Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation. May cause coughing, sneezing, wheezing, breathing difficulty and burning sensation.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction. Wet concrete or mortar may cause alkaline burns.

Eye Contact: Causes serious eye damage. May cause redness, watering and conjunctivitis.

Ingestion: Dust may cause nausea, abdominal discomfort, constipation, and abrasions to the mouth and throat.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water fog, foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Chemical:

No hazardous decomposition products known.

This 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 watercourses.

Hazchem code: 2X

(Contd. on page 3)

Safety Data Sheet

according to WHS & OHS Regulations

Print date: 18.11.2025

Revision date: 12.11.2025

Product Name: Nasahi Adhesive

(Contd. of page 2)

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:

Stop leak if safe to do so. Sweep into a pile and shovel into drums for subsequent disposal or salvage. Consider vacuuming. Water spray can be used to suppress dust.

7 Handling and Storage**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust. In order to minimise dust generation when working with the dried 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.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Provide eye wash fountains and safety showers in close proximity to points of potential exposure. Wash hands before eating, drinking. Using the toilet, or smoking. Wash work clothes regularly.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Store in original bags. Protect from excessive moisture. Keep away from hydrogen fluoride and other fluorine compounds.

8 Exposure Controls and Personal Protection**Exposure Standards:****CAS: 14808-60-7 Silicon dioxide**

WES	TWA: 0.05 mg/m ³ respirable dust
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Engineering Controls:

Provide local exhaust ventilation to keep the airborne concentrations of dust below occupational exposure standards.

Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 or P2 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Impervious elbow length PVC gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace.

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:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

(Contd. on page 4)

Safety Data Sheet

according to WHS & OHS Regulations

Print date: 18.11.2025

Revision date: 12.11.2025

Product Name: Nasahi Adhesive

(Contd. of page 3)

9 Physical and Chemical Properties

Appearance:

Form:	Blended powder
Colour:	White to off-white
Odour:	Odourless
Odour Threshold:	No information available
pH-Value:	11-12
Melting point/freezing point:	>1,200 °C
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	Not applicable
Flammability	Not applicable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density:	2-3 g/cm ³
Relative Density:	1.3-1.7
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Forms an alkaline slurry with water.
Partition Coefficient (n-octanol/water):	No information available

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:** Excessive moisture.**Incompatible Materials:** Hydrogen fluoride and other fluorine compounds.**Hazardous Decomposition Products:** No hazardous decomposition products known.

11 Toxicological Information

Toxicity:**LD50/LC50 Values:****CAS: 14808-60-7 Silicon dioxide**

Oral LD50 500-22,500 mg/kg (Rattus norvegicus (rat))

CAS: 1317-65-3 Limestone

Oral LD50 6,450 mg/kg (Rattus norvegicus (rat))

Acute Health Effects**Inhalation:**

May cause respiratory irritation. May cause coughing, sneezing, wheezing, breathing difficulty and burning sensation.

Skin:

Causes severe skin burns. May cause an allergic skin reaction. Wet concrete or mortar may cause alkaline burns.

Eye: Causes serious eye damage. May cause redness, watering and conjunctivitis.**Ingestion:**

Dust may cause nausea, abdominal discomfort, constipation, and abrasions to the mouth and throat.

(Contd. on page 5)

Safety Data Sheet

according to WHS & OHS Regulations

Print date: 18.11.2025

Revision date: 12.11.2025

Product Name: Nasahi Adhesive

(Contd. of page 4)

Skin Corrosion / Irritation: Causes severe skin burns.**Serious Eye Damage / Irritation:** Causes serious eye damage.**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Silica dust, crystalline, in the form of quartz or cristobalite is classified by IARC as Group 1 - Carcinogenic to humans.

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

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause respiratory irritation.**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:**

Repeated exposure may lead to contact dermatitis. Inhalation of dust containing respirable crystalline silica through prolonged, repeated exposure can cause bronchitis and silicosis (scarring of the lung.) It may also increase the risk of scleroderma (a disease effecting the connective tissue of the skin, joints, blood vessels and internal organs) and lung cancer.

Existing Conditions Aggravated by Exposure: No data available.**Additional toxicological information:** Carcinogenic.

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

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.

CAS: 14808-60-7 Silicon dioxide

LC50/96 h >10,000 mg/l (Danio rerio (zebra fish))

CAS: 1317-65-3 Limestone

LC50/96 h >56,000 mg/l (Gambusia affinis (mosquito fish))

Persistence and Degradability: No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**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

ADG, IMDG, IATA

UN3262

(Contd. on page 6)

Safety Data Sheet

according to WHS & OHS Regulations

Print date: 18.11.2025

Revision date: 12.11.2025

Product Name: Nasahi Adhesive

(Contd. of page 5)

Proper Shipping Name**ADG**

3262 CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.

IMDG, IATA

CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.

Dangerous Goods Class**ADG Class:**

8

Packing Group:**ADG, IMDG, IATA**

II

EMS Number:

F-A,S-B

Hazchem Code:

2X

Special Provisions:

274

Excepted quantities (EQ):

E2

Limited Quantities:

1 kg

Packagings & IBCs - Packing Instruction:

P002, IBC08

Packagings & IBCs - Special Packing Provisions: B2, B4**Portable Tanks & Bulk Containers - Instructions:** T3**Portable Tanks & Bulk Containers - Special****Provisions:**

TP33

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: 12.11.2025**Prepared by:** MSDS.COM.AU Pty Ltdwww.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

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)

Skin corrosion/irritation – Category 1A: Skin corrosion/irritation – Category 1A

Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2

Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1

Skin sensitisation – Category 1: Skin sensitisation, Hazard Category 1

Carcinogenicity – Category 1A: Carcinogenicity – Category 1A

Specific target organ toxicity (single exposure) – Category 3: Specific target organ toxicity (single exposure) – Category 3

Specific target organ toxicity (repeated exposure) – Category 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 - 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. AAC Building Products T/A Nasahi makes no representation of the accuracy or

(Contd. on page 7)

Safety Data Sheet

according to WHS & OHS Regulations

Print date: 18.11.2025

Revision date: 12.11.2025

Product Name: Nasahi Adhesive

(Contd. of page 6)

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