

## Safety Data Sheet according to WHS Regulations

Printing date 25.11.2020

Revision: 25.11.2020

### 1 Identification

**Product Name: Nasahi Anti Corrosion Paint - Grey**

**Other Means of Identification:** Mixture

**Details of Manufacturer or Importer:**

Nasahi Building Materials Australia Pty Ltd  
1331 Stud Road  
Rowville VIC 3178

**Phone Number:** 1300 262 724

**Emergency telephone number:** 13 11 26 (Poison Information Centre)

**Email:** info@nasahi.net.au

### 2 Hazard(s) Identification

**Hazardous Nature:**

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

Not subject to the ADG Code when transported in Australia by Road or Rail in packages 500kg(L) or less; or IBCs (refer to SP AU01).



health hazard

Germ Cell Mutagenicity 2 H341 Suspected of causing genetic defects.

Carcinogenicity 2 H351 Suspected of causing cancer.



environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



STOT SE 3

H335 May cause respiratory irritation.

**Signal Word** Warning

**Hazard Statements**

H341 Suspected of causing genetic defects.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary Statements**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P273 Avoid release to the environment.

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a POISON CENTER/doctor if you feel unwell.

P391 Collect spillage.

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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 regulations.

### 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures**

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

**Hazardous Components:**

CAS: 108-05-4	Vinyl acetate  Flammable Liquids 2, H225;  Germ Cell Mutagenicity 2, H341; Carcinogenicity 2, H351;  Acute Toxicity (Inhalation) 4, H332; STOT SE 3, H335	40-50%
CAS: 7779-90-0	Trizinc bis(orthophosphate)  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	10-30%

### 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air and keep victim comfortable, warm, and at rest. 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, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:**

If swallowed, do not induce vomiting. Rinse mouth with water. If swallowed, provide the victim with a glass of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May cause respiratory irritation. Vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

Skin Contact: Contact with skin may result in irritation.

Eye Contact: Contact with eye may result in irritation.

Ingestion: No adverse effects expected, however, large amounts may cause nausea and vomiting.

**Medical Attention and Special Treatment:** Treat symptomatically.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from fire fighting entering drains or water courses.

Hazchem Code: \*3Z

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

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### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking. Take care as large spill may pose slip hazard.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses. Inform the respective authorities in case of seepage into water course or sewage system.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with soil, earth, or some other inert material. Collect the spilled material and place into a suitable container for disposal.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

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. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from direct sunlight and materials that will react with water. Keep container standing upright. Check containers regularly for leaks.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 108-05-4 Vinyl acetate**

WES	STEL: 70 mg/m <sup>3</sup> , 20 ppm
	TWA: 35 mg/m <sup>3</sup> , 10 ppm

**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Vapour heavier than air - prevent concentration in hollows or sumps.

**Respiratory Protection:**

Use an approved organic vapour/particulate respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Nitrile rubber gloves should be used for intermittent contact. See Australian/New Zealand Standard AS/NZS 2161 for more information. However, due to variations in glove construction and local conditions, the user should make a final assessment.

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.

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**Eye and Face Protection:**

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

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Grey
<b>Odour:</b>	Little or no odour
<b>Odour Threshold:</b>	No information available
<b>pH-Value at 20 °C:</b>	7-8 (Approx)
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	100 °C (Approx)
<b>Flash Point:</b>	No information available
<b>Flammability:</b>	Product is not flammable.
<b>Ignition Temperature</b>	No information available
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Density:</b>	No information available
<b>Relative Density at 20 °C:</b>	1.35
<b>Vapour Density:</b>	>1 (Air = 1)
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Completely miscible with water
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity:</b>	No information available
<b>Solvent separation test:</b>	
<b>VOC:</b>	No information available

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** No known hazardous reactions.

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

**Conditions to Avoid:** Elevated temperatures

**Incompatible Materials:** Incompatible with materials that will react with water.

**Hazardous Decomposition Products:** Oxides of carbon.

### 11 Toxicological Information

**Toxicity:**

**LD50/LC50 Values Relevant for Classification:**

**CAS: 108-05-4 Vinyl acetate**

Oral	LD50	2,920 mg/kg (rat)
Dermal	LD50	2,335 mg/kg (rabbit)
Inhalation	LC50/4 h	4,000 ppm (rat)

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<b>CAS: 7779-90-0 Trizinc bis(orthophosphate)</b>		
Oral	LD50	>5,000 mg/kg (rat)

**Acute Health Effects**

**Inhalation:**

May cause respiratory irritation. Vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

**Skin:** Contact with skin may result in irritation.

**Eye:** Contact with eye may result in irritation.

**Ingestion:** No adverse effects expected, however, large amounts may cause nausea 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:** Suspected of causing genetic defects.

**Carcinogenicity:**

Suspected of causing cancer.

Vinyl Acetate is classified by IARC as Group 2B - Possibly carcinogenic to humans.

**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:** No data associated with long term health effects.

**Existing Conditions Aggravated by Exposure:** No data available.

<b>12 Ecological Information</b>
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**Ecotoxicity:**

**Aquatic toxicity:**

Very Toxic to aquatic life with long lasting effects.

<b>CAS: 7779-90-0 Trizinc bis(orthophosphate)</b>	
EC50	3.29 mg/l (algae)
	100-350 mg/l (daphnia)
LC50/96 h	0.09 mg/l (rainbow trout)

**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.

<b>13 Disposal Considerations</b>
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**Disposal Methods and Containers:**

Dispose according to applicable local and state government regulations. Ensure appropriate personal protective equipment is worn during disposal. If possible, material and its container should be recycled.

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**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

<b>14 Transport Information</b>
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<b>UN Number</b>	Not subject to the ADG Code when transported in Australia by Road or Rail in packages 500kg(L) or less; or IBCs (refer to SP AU01).
<b>ADG</b>	Not regulated.
<b>IMDG, IATA</b>	UN3082
<b>Proper Shipping Name</b>	
<b>ADG</b>	Not regulated.
<b>IMDG, IATA</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Trizinc bis(orthophosphate))
<b>Dangerous Goods Class</b>	
<b>ADG Class:</b>	Not regulated.
<b>Subsidiary Risk:</b>	
<b>IMDG Class:</b>	9 Miscellaneous dangerous substances and articles.
<b>Packing Group:</b>	
<b>ADG</b>	Not regulated.
<b>IMDG, IATA</b>	III
<b>Marine pollutant:</b>	
<b>EMS Number:</b>	F-A,S-F
<b>Hazchem Code:</b>	•3Z
<b>Special Provisions:</b>	274, 331, 335, 375, AU01
<b>Limited Quantities:</b>	5 L
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P001, IBC03, LP01
<b>Packagings &amp; IBCs - Special Packing Provisions:</b>	PP1
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T4
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP1, TP29

<b>15 Regulatory Information</b>
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<b>Australian Inventory of Industrial Chemicals:</b>
All ingredients are listed.

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:**  
Poisons Schedule: 6

<b>Australia: Priority Existing Chemicals</b>
None of the ingredients is listed.

<b>16 Other Information</b>
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**Date of Preparation or Last Revision:**

Preparation date: 25.11.2020

SDS expiry date: 25.11.2025

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**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://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

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

VOC: Volatile Organic Compounds

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)

Flammable Liquids 2: Flammable liquids – Category 2

Acute Toxicity (Inhalation) 4: Acute toxicity - inhalation – Category 4

Germ Cell Mutagenicity 2: Germ cell mutagenicity – Category 2

Carcinogenicity 2: Carcinogenicity – Category 2

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

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). 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 - May 2018”

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