



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 08.12.2015

Revision: 08.12.2015

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: MDF PANELS**Recommended Use of the Chemical and Restriction on Use:**

For providing access points in walls and ceilings.

Details of Manufacturer or Importer:Wallboard Tool Co. Pty Ltd
30 Leda Drive
Burleigh QLD 4220**Phone Number:**07 5535 7655
1300 653 177**Emergency telephone number:** National Poison Information Centre: 13 11 26

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



health hazard

Carc. 1A

H350 May cause cancer.



Acute Tox. (Oral) 4

H302 Harmful if swallowed.

Acute Tox. (Dermal) 4

H312 Harmful in contact with skin.

Acute Tox. (Inhalation) 4

H332 Harmful if inhaled.

Skin Irrit. 2

H315 Causes skin irritation.

Eye Irrit. 2A

H319 Causes serious eye irritation.

Skin Sens. 1

H317 May cause an allergic skin reaction.

STOT SE 3

H335 May cause respiratory irritation.

Signal Word Danger**Hazard Statements**

H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H350 May cause cancer.

H335 May cause respiratory irritation.

Precautionary Statements

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

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

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

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P272	Contaminated work clothing should not be allowed out of the workplace.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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:**

50-00-0	Formaldehyde  Acute Tox. (Oral) 3, H301; Acute Tox. (Dermal) 3, H311; Acute Tox. (Inhalation) 3, H331;  Muta. 2, H341; Carc. 1B, H350;  Skin Corr. 1B, H314;  Skin Sens. 1, H317	<10%
12125-02-9	ammonium chloride  Acute Tox. (Oral) 4, H302; Eye Irrit. 2A, H319	0.8-2%
8002-74-2	Paraffin waxes and Hydrocarbon waxes	0.5-1.5%

Additional information:

Wood fibre, including eucalyptus, CAS No. not supplied, 80-85%.

The ingredients are bound together under heat and pressure. The process cures the resin but small amounts of formaldehyde from the resin may be released from the finished product, particularly when the product is heated.

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. Seek medical attention if symptoms persist.

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 medical attention if symptoms occur.

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Symptoms Caused by Exposure:

Inhalation: Harmful if inhaled. May cause respiratory irritation and allergic lung reactions.

Skin Contact: Harmful in contact with skin. Causes skin irritation, itching and rash. May cause an allergic skin reaction.

Eye Contact: Dust causes serious eye irritation, discomfort and redness.

Ingestion: Harmful if swallowed. Dust may cause abdominal discomfort if swallowed.

5 . FIRE FIGHTING MEASURES**Suitable Extinguishing Media:** Water fog, foam, dry chemical or carbon dioxide.**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and nitrogen, hydrogen cyanide and other pyrolysis products. Formaldehyde gas may be released under some conditions, particularly when product is heated.

Combustible. High concentrations of dust in the air are potentially explosive.

Boards 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 appropriate personal protective equipment. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

Environmental Precautions: No special measures required.**Methods and Materials for Containment and Cleaning Up:** No special measures required.**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. Work should be carried out in ways that avoid generating dust. Equipment should be fitted with dust extraction devices.

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. Protect from moisture, heat, sparks, open flames and other sources of ignition. Keep away from oxidising agents and strong acids.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards:****50-00-0 Formaldehyde**

NES	STEL: 2.5 mg/m ³ , 2 ppm
	TWA: 1.2 mg/m ³ , 1 ppm
	Sen

12125-02-9 ammonium chloride

NES	STEL: 20 mg/m ³
	TWA: 10 mg/m ³

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8002-74-2 Paraffin waxes and Hydrocarbon waxes

NES | TWA: 2 mg/m³

Wood dust (softwood):

TWA: 5 mg/m³STEL: 10 mg/m³

Wood dust (hardwood):

TWA: 1 mg/m³**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. 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:

Work gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

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 material**Colour:** No information available**Odour:** No information available**Odour Threshold:** No information available**pH-Value:** Not determined**Melting point/Melting range:** Not applicable**Initial Boiling Point/Boiling Range:** Not applicable**Flash Point:** Not applicable**Flammability:** Combustible**Auto-ignition Temperature:** >200 °C**Decomposition Temperature:** Not applicable**Explosion Limits:****Lower:** No information available**Upper:** No information available**Vapour Pressure:** Not determined**Relative Density:** 0.45-1.1**Vapour Density:** Not determined**Evaporation Rate:** Not applicable**Solubility in Water:** Negligible**Partition Coefficient (n-octanol/water):** Not applicable

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: No hazardous reactions will occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

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Conditions to Avoid: Excessive moisture, heat, sparks, open flames and other sources of ignition.**Incompatible Materials:** Oxidising agents and strong acids.**Hazardous Decomposition Products:**

Oxides of carbon and nitrogen, hydrogen cyanide and other pyrolysis products. Formaldehyde gas may be released under some conditions, particularly when product is heated.

11 . TOXICOLOGICAL INFORMATION

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****50-00-0 Formaldehyde**Oral LD₅₀ >200 mg/kg (rat)**57-13-6 urea**Oral LD₅₀ 8471 mg/kg (rat)**12125-02-9 ammonium chloride**Oral LD₅₀ 1650 mg/kg (rat)**Acute Health Effects****Inhalation:** Harmful if inhaled. May cause respiratory irritation and allergic lung reaction.**Skin:**

Harmful in contact with skin. Causes skin irritation, itching and rash. May cause an allergic skin reaction.

Eye: Dust causes serious eye irritation, discomfort and redness.**Ingestion:** Harmful if swallowed. Dust may cause abdominal discomfort if swallowed.**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:**

May cause an allergic skin reaction.

May cause an allergic lung reaction if inhaled.

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

May cause cancer.

Formaldehyde is classified by Safe Work Australia as Carcinogen Category 2.

Formaldehyde and wood dust are 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:** 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 or prolonged exposure to wood dusts may cause nasal cancer and lung fibrosis. Repeated exposure may lead to sensitisation, resulting in asthma and dermatitis.

Existing Conditions Aggravated by Exposure: Pre-existing respiratory conditions such as asthma.

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12 . ECOLOGICAL INFORMATION

Ecotoxicity: No information available
Aquatic toxicity: No information available
Persistence and Degradability: Not determined
Bioaccumulative Potential: Not determined
Mobility in Soil: Not determined
Other adverse effects: No 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
Marine pollutant: No

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

50-00-0	Formaldehyde
57-13-6	urea
12125-02-9	ammonium chloride
8002-74-2	Paraffin waxes and Hydrocarbon waxes
7732-18-5	Water

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
 Not Scheduled.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

16 . OTHER INFORMATION

Date of Preparation or Last Revision: 08.12.2015

Prepared by: MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 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

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TWA: Time Weighted Average

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

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 - December 2011"

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