

## 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product Name:** Standard Valchromat  
**Other Names:** Valchromat FR, Valchromat E05  
**Relevant Uses:** Wood Fibre board suitable for load bearing applications in moisture rich environments, construction board/material.  
**Company:** Progressive Materials  
 6 Distinction Road  
 Wangara WA 6065  
**Telephone:** 08 9445 8300  
**Email:** info@progressivematerials.com.au  
**Emergency Contact:** 08 9445 8300  
**Poisons Control Centre number:** 13 11 26

## 2. HAZARDS IDENTIFICATION

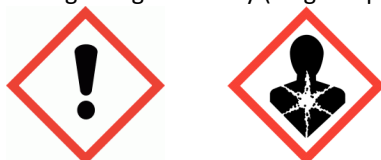
The finished product is not considered to be hazardous according to Safe Work Australia guidelines.

Dust generated during cutting, sanding, drilling, routing, or sawing may present the following hazards:

### GHS Classification:

Carcinogenicity — Category 1A  
 Respiratory Sensitisation — Category 1  
 Skin Sensitisation — Category 1  
 Serious Eye Irritation — Category 2A  
 Specific Target Organ Toxicity (Single Exposure) — Category 3 (Respiratory tract irritation)

### Pictograms:



### Signal Word:

Warning

### Hazard Statement(s):

**The below hazard statements are related to dust generation during cutting, sanding, drilling, routing, or sawing of the product.**

H317 May cause an allergic skin reaction  
 H319 Causes serious eye irritation  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335 May cause respiratory irritation  
 H350i May cause cancer by inhalation

### Precautionary Statement(s):

P202 Do not handle until all safety precautions have been read and understood.  
 P261 Avoid breathing dust.  
 P264 Wash exposed body parts 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, protective clothing, eye protection and respiratory protection.  
 P284 In case of inadequate ventilation wear respiratory protection.  
 P3202+P352 If on skin wash with plenty of water.  
 P304+P340 IF INHALED: remove person to fresh air and keep 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. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention. Manufacturer/supplier .                                                  |
| P312           | Call a POISON CENTRE/doctor if you feel unwell.                                                                                 |
| P333+P313      | If skin irritation or rash occurs get medical attention or advice.                                                              |
| P337+P313      | If eye irritation persists : Get medical advice / attention.                                                                    |
| P342+P311      | If experiencing respiratory symptoms: Call a POISON CENTRE/doctor.                                                              |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                        |
| P501           | Dispose of contents in accordance with local/regional/national regulations.                                                     |

### 3. COMPOSITION INFORMATION WITHIN THE BOARD

| Component                           | CAS No     | Composition (dry/dry fibre) |
|-------------------------------------|------------|-----------------------------|
| Pine wood                           | None       | 75-83%                      |
| Resin of melamine-urea-formaldehyde | 25036-13-9 | 15- 20%                     |
| Wax – Paraffin Emulsion             | 8002-74-2  | 0.5-2.0%                    |
| Dye – Organic Dyes                  | None       | 1.0-5.0%                    |

### 4. FIRST AID MEASURES

#### General Advice:

If dust is being generated via drilling, cutting, etc., ensure appropriate dust collection/minimisation methods are employed.

#### If Inhaled:

If generated dust during cutting, sanding, drilling, routing, or sawing is inhaled, remove from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

#### In Case of Skin Contact:

If skin or hair contact occurs with generated dust during cutting, sanding, drilling, routing, or sawing, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

#### In Case of Eye Contact:

If exposed to generated dust during cutting, sanding, drilling, routing, or sawing , immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

#### If Swallowed:

Ingestion is considered unlikely of the finished product form.

If dust is ingested rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

#### Notes to physician:

Treat symptomatically.

### 5. FIREFIGHTING MEASURES

|                                        |                                                                                                                                                                                                                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazchem Code:</b>                   | Not applicable.                                                                                                                                                                                                   |
| <b>Extinguishing Media:</b>            | Dry chemical powder, carbon dioxide, foam, or water fog.                                                                                                                                                          |
| <b>Unsuitable Extinguishing Media:</b> | None known.                                                                                                                                                                                                       |
| <b>Special Hazards:</b>                | Combustible. If exposed to fire, may evolve toxic gases (carbon/nitrogen oxides, ammonia, formaldehyde, hydrocarbons) when heated to decomposition. May evolve hydrogen cyanide gas when heated to decomposition. |
|                                        | Airborne dust may represent a risk of combustible dust explosion.                                                                                                                                                 |

## Firefighting further advice:

Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Water spray may be used to cool down heat-exposed containers. Fight fire from a safelocation. This product should be prevented from entering drains and watercourses.

## Further Information:

### 6. ACCIDENTAL RELEASE MEASURES

#### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of any dust generated. Collect and seal in properly labelled containers or drums for disposal.

#### LARGE SPILLS

Clear area of all unprotected personnel. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of any dust generated. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services

## Reference to Other Sections:

For disposal see Section 13.

### 7. HANDLING AND STORAGE

#### Advice on Safe Handling:

Avoid eye contact and repeated or prolonged skin contact. Avoid generation and inhalation of dust. Wear nominated personal protective equipment when handling.

#### Storage Conditions:

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition.

#### Specific End Use(s):

Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Ingredients With Workplace Control Parameters:

As published by Safe Work Australia.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL - The time weighted average maximum airborne concentration of a substance calculated over a 15 minute period.

| Ingredient name  | CAS #     | Exposure limits                                                                                                                                 |
|------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Soft wood dust   | -         | TWA (Eight hour time weighted average): 5 mg/m <sup>3</sup><br>STEL (15 minute time weighted average) : 10 mg/m <sup>3</sup>                    |
| Formaldehyde     | 50-00-0   | TWA (Eight hour time weighted average): 1 ppm / 1.2 mg/m <sup>3</sup><br>STEL ((15 minute time weighted average) : 2 ppm /2.5 mg/m <sup>3</sup> |
| Paraffin as fume | 8002-74-2 | TWA (Eight hour time weighted average): 2 mg/m <sup>3</sup>                                                                                     |

## Appropriate Engineering Controls:

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS 2210.

## Personal Protective Equipment:

|                                |                                                                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/Face Protection:</b>    | Tight sealing safety goggles. Face protection shield.<br>Refer to Eye Protection: AS 1336 and AS/NZS 1337 for further information.<br>Suitable protective clothing.                                   |
| <b>Skin Protection:</b>        | Refer to Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Occupational Protective Footwear: AS/NZS 2210, for further information.<br>Suitable protective clothing. |
| <b>Body Protection:</b>        | Refer to Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Occupational Protective Footwear: AS/NZS 2210, for further information.                                  |
| <b>Respiratory Protection:</b> | Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.<br>Refer to Respiratory equipment: AS/NZS 1715 for further information.       |



## Hygiene measures:

When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|                                                         |                                                                                        |
|---------------------------------------------------------|----------------------------------------------------------------------------------------|
| a) <b>Physical State:</b>                               | Manufactured pressed board made from wood particles/fibres bonded together with resin. |
| b) <b>Colour:</b>                                       | Several (refer to product data sheets)                                                 |
| c) <b>Odour</b>                                         | Not available                                                                          |
| d) <b>Melting Point / Freezing Point</b>                | Not applicable                                                                         |
| e) <b>Initial Boiling Point / Boiling Range:</b>        | Not applicable                                                                         |
| f) <b>Flammability (Solid, Gas):</b>                    | Not applicable                                                                         |
| g) <b>Upper/lower flammability or explosive limits:</b> |                                                                                        |
| Upper explosion limit:                                  | Not applicable                                                                         |
| Lower explosion limit:                                  | Not applicable                                                                         |
| h) <b>Flash Point:</b>                                  | Not applicable                                                                         |
| i) <b>Autoignition Temperature:</b>                     | Not available                                                                          |
| j) <b>Decomposition Temperature:</b>                    | Not available                                                                          |
| k) <b>pH:</b>                                           | Not applicable                                                                         |
| l) <b>Viscosity:</b>                                    | Not applicable                                                                         |
| m) <b>Water solubility:</b>                             | Insoluble                                                                              |
| n) <b>Partition Coefficient:</b><br>n-Octanol/Water     | Not applicable                                                                         |

|                              |                |
|------------------------------|----------------|
| o) Vapor Pressure:           | Not applicable |
| p) Density:                  | Not available  |
| q) Relative Density:         | Not available  |
| r) Relative Vapor Density:   | Not applicable |
| s) Particle Characteristics: | Not applicable |
| t) Explosive Properties:     | Not applicable |
| u) Oxidizing Properties:     | Not applicable |

## 10. STABILITY AND REACTIVITY

|                                            |                                                                                                                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chemical Stability:</b>                 | This material is thermally stable when stored and used as directed.                                                                                                                           |
| <b>Possibility of Hazardous Reactions:</b> | No known hazardous reactions.                                                                                                                                                                 |
| <b>Conditions to Avoid:</b>                | Elevated temperatures and sources of ignition.                                                                                                                                                |
| <b>Incompatible Materials:</b>             | Oxidising agents.                                                                                                                                                                             |
| <b>Hazardous decomposition products:</b>   | Combustible. May evolve toxic gases (carbon/nitrogen oxides, ammonia, formaldehyde, hydrocarbons) when heated to decomposition. May evolve hydrogen cyanide gas when heated to decomposition. |

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the finished product is handled in accordance with this Safety Data Sheet and the product label. Wood dust would most likely result from machining the product and formaldehyde gas / vapour may be produced from heat processing. The known health effects from wood dust and formaldehyde are as follows: :

### Acute Effects

**Inhalation:** New boards or freshly cut surfaces may emit a pine, wood, or resin odour, which should gradually reduce with proper ventilation. Cutting the material may generate wood dust, classified as a Hazardous Substance under Work Safe of Australia criteria. Air quality should be monitored, and where required, appropriate measures should be implemented to minimise dust levels within the breathing zone of personnel working in the area.

**Skin contact:** Dust produced during cutting of material, and contact with skin may result in irritation.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Eye contact:** Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

### Acute Toxicity:

**Inhalation:** No information available.

**Skin contact:** No information available.

**Ingestion:** No information available.

**Corrosion/Irritancy:** No information available.

**Sensitisation:** No information available.

**Aspiration hazard:** No information available.

**Specific target organ toxicity (single exposure):** No information available.

## Chronic Toxicity

**Mutagenicity:** No information available.

**Carcinogenicity:** No information available..

**Reproductive toxicity (including via lactation):** No information available.

**Specific target organ toxicity (repeat exposure):** No information available.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Acute aquatic hazard:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L.

**Long-term aquatic hazard:** This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulative potential:** No information available

**Mobility:** No information available

## 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDGCode) for transport by sea.

### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants) The Rotterdam Convention (Prior Informed Consent) Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

**Reason for issue:** First issue.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

**Further  
Information:**

However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions of this document.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.