



SAFETY DATA SHEET

Pro Base

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: Pro Base 40, Pro Base 60, Pro Base 90

Recommended use: Base and second coats in plasterboard jointing, installing plaster cove and cornice, rendering, industrial and manufacturing, dental work, mouldings and sculptures

Company: Pro Plaster Products

Address: 31 Neumann Road, Capalaba QLD 4157

Telephone Number: +61 7 3390 3232

Emergency Contact: National Poisons Centre 13 11 26
Or Emergency Services dial 000 (Australia Only)

Date of preparation: 1st August 2017. Updated 1st July 2020

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification: Not classified as hazardous according to criteria of Safe Work Australia

Hazard Statements: H350 May cause cancer (inhalation)
H373 May cause damage

Dangerous Good Classification: 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"

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients composition:

CHEMICAL NAME:	PROPORTION Wt%:	SYNONYMS	CAS NUMBER:
Calcium Sulphate Hemihydrate	35 – 100		10034-76-1
Limestone	0 - 50		1317-65-3 471-34-1
Mica	0 - 6		12001-26-2
Lime (Calcium Hydroxide)	0 - 5		
Polyvinyl alcohol	0 - 4		25213-24-5
Clay	0 - 4		8031-18-3
Starch	0 - 2		Not available
Modified cellulose	0 - 1		Not available
Tartaric acid	0 – 0.5		



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SECTION 4: FIRST AID MEASURES

- Ingestion:** No harmful effects expected. Wash mouth out with water. If gastric disturbance occurs, seek medical advice. This product contains gypsum plaster which hardens when wetted and, if ingested in large quantities, may result in obstruction of the gut, especially the pyloric region. If ingested seek medical advice.
- Eyes:** Immediately flush thoroughly with water for 15 minutes. In all cases of eye contamination, it is a sensible precaution to seek medical advice.
- Skin:** Remove contaminated clothing, flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.
- Inhalation:** Remove victim from exposure, recover in fresh air. 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.
- Advice to Doctor:** Treat symptomatically.

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

SECTION 5: FIRE FIGHTING MEASURES

- Flammability:** Not combustible under normal conditions of storage and use.
- Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.
- Hazards from combustion:** Stable under normal temperature and pressure. At temperatures around 800°C, carbon dioxide may be emitted, due to decomposition of limestone. Product contains low level of organic volatiles, which may be emitted or released in a fire. Thermal decomposition will produce H₂O, CO₂, CO, and acetic acid. Could produce minor amounts of vinyl acetate monomers when temperature is above 175°C.
- Protective precautions and equipment for fire fighters:** Appropriate firefighting equipment is required.
- HAZCHEM Code:** Not allocated

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Small Spills:** Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
- Large Spills:** Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.
- Precautions for clean-up crew:** Avoid creating excessive dust. Wear protective equipment including a Class P1 or P2 respirator to prevent skin and eye contamination when handling accidental spills. Do not allow this product



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to enter drains, storm water systems or waterways. If contamination of crops, sewers or waterways has occurred advise local emergency services.

SECTION 7: HANDLING AND STORAGE

- Handling:** Minimise exposures in accordance with good hygiene practice. During handling wear the appropriate respiratory, eye and skin protection. Clean up and dust and if warranted as per environmental conditions, refer section 2 & 8 of this SDS.
- Avoid dust contact with eyes and skin. Wear appropriate eye and skin protection.
- Storage:** Store in a cool, dry, well-ventilated environment under temperature below 30°C. Avoid direct sunlight, fully protected from the weather and moisture. Keep away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use – check regularly for spills.
- Hygiene:** Do not drink, eat or smoke when using this product. Wash hands, face and remove contaminated clothing or coveralls before eating and after work has been completed.
- Incompatibilities:** Not applicable

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

All work should be carried out in such a way to minimise dust generation and exposure to dust. Work in the open air and external openings (such as doors and windows in buildings) which generally provides adequate ventilation where operations generate airborne dust, use mechanical ventilation or dust extraction to keep dust concentrations below permissible exposure limits. Work areas should be cleaned regularly by sweeping or vacuuming. Hand tools generate less dust when cutting, drilling or sanding. If power tools are used they should be fitted with efficient and well-maintained dust extraction devices. If generated dust cannot be avoided, follow personal protection recommendations.

Prior to maintenance and repair work, vacuum or wash down all gear, equipment or mobile plant. If compressed air cleaning cannot be avoided, recommendations on Exposure Control and Personal Protection should be followed.

Personal Protection Equipment:

PPE must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted. PPE including safety shoes, overalls, gloves, safety glasses and dusk mask. Wash work clothes regularly. Wash hands regularly. Direct skin contact should be avoided by wearing protective occupational clothing as per AS/NZS 4501 requirements.

Ventilated non-fogging eye goggles (AAS/NZS 1336) should be worn when in dusty environment. If dust is generated, use Class P1 or P2 respirator, which conforms to AS/NZS 1715 & 1716. In high level of dust generation more efficient cartridge type or powered respirators or supplied-air helmets or suits may be necessary.

When mixed with water, this material hardens and then becomes hot. DO NOT attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissue. Direct, prolonged, or repeated contact with skin can result in abrasions. Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with mild soap and water. May dry skin. If irritation persists, consult a doctor.

Hygiene measures: When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine cream coloured powder.
Odour:	Low odour
pH:	8 - 11
Boiling Point/Range (°C):	100°C



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Freezing/Melting Point (°C):	0°C
Solubility in water:	Soluble
Packed Bulk Density:	0.7 – 1.2
FLAMMABILITY	Not flammable
ADDITIONAL PROPERTIES	
Evaporation Rate:	
% Volatiles:	< 2 %
Volatile Organic Compounds Content:	< 40g/L
Respirable crystalline silica content:	< 0.1%

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to avoid:	Contact with incompatibles.
Hazardous decomposition products:	Stable under normal conditions of temperature and pressure. At temperatures around 800°C, carbon dioxide may be emitted, due to decomposition of limestone. Product contains low level of organic volatiles, which may be emitted or released in application processes involving the use of heat. Vent all ovens and process vessels to the outside atmosphere. Thermal decomposition will produce H ₂ O, CO ₂ , CO, and acetic acid. Could produce minor amounts of vinyl acetate monomers when temperature is above 175°C.
Conditions to avoid:	Freeze, thaw, heat.
Hazardous polymerisation:	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

This product is classified as non-hazardous, no adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Possible symptoms may arise if the product is mishandled and overexposure occurs are:

Swallowed:	Swallowing this product may be harmful or result in abdominal discomfort, nausea, vomiting and irritation of the gastrointestinal tract.
Skin:	Dust from this product may cause irritation of the skin from friction but is not absorbed through the skin. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
Eye:	This product may irritate the eyes, causing watering and redness. If burning, redness, itching, pain or other symptoms persist or develop, seek medical advice.
Inhaled:	This product may cause irritation of the nose, throat and lungs, causing coughing and sneezing. Laboured breathing may occur after excessive inhalation. If respiratory symptoms persist, seek medical advice.
Chronic:	Prolonged exposure and inhalation of air borne free respirable crystalline silica can result in lung disease (i.e. silicosis) and/or lung cancer.

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity:	No known adverse ecological effects
Persistence and Degradability (long term):	Will form sludge when made wet. Will dry hard on exposure to sun/heat.



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Mobility:

Lumpy and sludge like when damp. Solid when dry.

SECTION 13: DISPOSAL CONSIDERATIONS

For any unused product empty into waste containers. Dispose in accordance with local authority regulations. Do not dispose this product to sewers or waterway must be avoided at all time. If contamination of crops, sewers or waterways has occurred advise local emergency services.

SECTION 14: TRANSPORT INFORMATION

Classified as non-dangerous goods according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail, International Maritime Dangerous Goods Code (IMDG Code) for transport by sea, and the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15: REGULATORY INFORMATION

No poison schedule number has been allocated.

SECTION 16: OTHER INFORMATION

This Safety Data Sheet summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Pro Plaster Products Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this Safety Data Sheet in the context of how the user intends to handle and use the product in the workplace. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

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

- END OF SDS -