



SAFETY DATA SHEET

Pro Plaster Flaw Hide

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

Product name:	Pro Plaster Flaw Hide
Recommended use:	Suitable for use on interior paper-faced board substrates. Applied by roller, conventional spray or airless spray
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:	15 th July 2020

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification:	Not Classified as hazardous in the wet state as supplied according to the criteria of SWA. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.
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	CAS NUMBER	Conc %	TWA (mg/m ³)
Calcium carbonate	1317-65-3	10-30	10
Kaolin clay 93%	1332-58-7	10-30	10
- Silica Quartz 1-5%	14808-60-7		0.1
- Mica 2-4%	12001-26-2		2.5
Talc	14807-96-6	10-30	2.5
Titanium Dioxide	13463-67-7	1-10	10
Attapulgite clay - Fuller's Earth 98%	12174-11-7	<1	
- Silica Quartz 2 %			0.1
Synthetic polymer	Not allocated	10-30	Not set
Water	7732-18-5	10-30	Not set
Other nonhazardous ingredients	various	to 100	Not set

This is a commercial product whose exact ratio of components may vary slightly. Raw materials in these products contain respirable crystalline silica as an impurity. The total crystalline silica in these products is < 0.6%. Under normal conditions, the use of these products is not expected to result in exposure to respirable crystalline silica that exceeds the OSHA PEL (0.05mg/m³). However, actual exposures to respirable crystalline silica on a given jobsite must be determined by workplace hygiene testing.



SAFETY DATA SHEET

Pro Plaster Flaw Hide

The SWA TWA exposure value is the average airborne concentration of a substance when calculated over a normal 8 hour working day for a 5-day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4: FIRST AID MEASURES

- Ingestion:** No harmful effects expected. Wash mouth out with water. Do not induce vomiting. 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
- Eyes:** If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.
- 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 fire fighting 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:** Prevent spillage from entering drains or water courses. 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.



SAFETY DATA SHEET

Pro Plaster Flaw Hide

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 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:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials.
- 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.
- Incompatibilities:** Oxidising agents

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, 1716, **Protective Gloves:** AS 2161, **Occupational Protective Clothing:** AS/NZS 4501 set 2008, **Industrial Eye Protection:** AS1336 and AS/NZS 1337, **Occupational Protective Footwear:** AS/NZS2210.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Calcium carbonate	10	Not set
Kaolin clay	2.5	Not set
Silica (quartz)	0.1	Not set
Talc	10	Not set
Titanium Dioxide	10	Not set

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

Crystalline silica

The margin of safety of the quartz TLV is not known with certainty and given the associated link between silicosis and lung cancer it is recommended that quartz concentrations be maintained as far below the TLV as prudent practices will allow. Exposure to respirable crystalline silicas (RCS) represents a significant hazard to workers, particularly those employed in the construction industry where respirable dusts of cement and concrete are common. The concentration of dust, for application of respirable dust limits, is to be determined from the fraction that penetrates a separator whose size collection efficiency is described by a cumulative log-normal function with a median aerodynamic diameter of 4.0µm (+/-) 0.3µm and with a geometric standard deviation of 1.5µm (+/-) 0.1µm, i.e. generally less than 5µm.

Crystalline silica has been classified by the ACGIH as A2 Suspected Human Carcinogen

Kaolin dust appears to have fibrogenic potential even in the absence of crystalline silica. Kaolinosis can exist as simple and complicated forms with the latter often associated with respiratory symptoms. Animals exposed by inhalation to 10 mg/m³ titanium dioxide show no significant fibrosis, possibly reversible tissue reaction. The architecture of lung air spaces remains intact.



SAFETY DATA SHEET

Pro Plaster Flaw Hide

- Ventilation:** General ventilation is adequate for application of product in its original form. If airborne particulates are generated, monitor concentrations in air and provide local exhaust ventilation when any exposure guideline is exceeded. Dust collection systems must be designed and maintained to prevent the accumulation and recirculation of respirable silica into the workplace air. If engineering controls and work practices are not effective in controlling exposure to this material or if adverse health symptoms are experienced, wear suitable personal protection equipment including approved respiratory protection.
- Eye Protection:** Eye protection such as protective glasses or goggles is recommended when this product is being used.
- Skin Protection:** The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.
- Protective Material Types:** Where workplace conditions generate dust, wear protective clothing. Launder contaminated clothing before re-wearing, or discard.
- Respirator:** Type AX-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White viscous liquid
Odour:	Mild, characteristic odour
pH:	8 – 10 (as supplied)
Vapour Pressure:	2.37 kPa at 20 °C (water vapour pressure)
Vapour Density:	As of water
Boiling Point/Range (°C):	Approximately 100°C at 100kPa
Freezing/Melting Point (°C):	No specific data. Liquid at normal temperatures
Solubility in water:	Miscible
Specific Gravity	1.65-1.75
Volatiles	Water component
Volatility	No data
Odour Threshold	No data
Evaporation Rate	As of water
Co-eff Oil/water distribution	No data
Auto-ignition temp:	Not applicable – does not burn

SECTION 10: STABILITY AND REACTIVITY

- Reactivity** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
- Conditions to avoid:** Avoid accumulations of dust.
- Hazardous decomposition products:** This product is likely to decompose only after heating to dryness, followed by further strong heating. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
- Hazardous polymerisation** Will not occur.



SAFETY DATA SHEET

Pro Plaster Flaw Hide

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:

POTENTIAL HEALTH EFFECTS

Short Term Exposure

Long Term Exposure

Inhalation	Not normally a hazard due to non-volatile nature of product. Inhalation of dusts, generated by the material during normal handling, may be damaging to the health of the individual.	In liquid state or when dried the product has no data for health effects associated with long term inhalation.
Skin Contact	Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.	No data for health effects associated with long term skin exposure.
Eye Contact	This product may be irritating to eyes but is unlikely to cause anything more than mild transient discomfort.	No data for health effects associated with long term eye exposure.
Ingestion	Significant oral exposure is considered unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.	No data for health effects associated with long term ingestion.

Carcinogen Status

Crystalline Silica:

IARC: Crystalline Silica in the form of quartz or cristobalite from occupational sources should be classified as carcinogenic to humans (Group 1).

Titanium dioxide:

Titanium dioxide is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. In lifetime inhalation studies of rats, airborne respirable-size titanium dioxide particles have been shown to cause lung tumours at concentrations associated with substantial particle lung burdens and consequential pulmonary overload and inflammation. However, other laboratory animals such as mice and hamsters did not develop lung tumours under similar testing with titanium dioxide. Furthermore, human epidemiology studies do not suggest an association between occupational exposure to titanium dioxide and risk for cancer.

ACGIH® in the form of quartz or cristobalite as A2: Suspected human carcinogen.

NTP: Crystalline silica, respirable size, is listed in the Report on Carcinogens by NTP (National Toxicology Program) as known to be a human carcinogen.

SWA: No significant ingredient is classified as carcinogenic by SWA.

Ingredient Risk Phrases

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations

SECTION 12: ECOLOGICAL INFORMATION

Insufficient data to be sure of status.



SAFETY DATA SHEET

Pro Plaster Flaw Hide

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.

Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

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. No special transport conditions are necessary unless required by other regulations.

SECTION 15: REGULATORY INFORMATION

No poison schedule number has been allocated. All the significant ingredients in this formulation are compliant with NICNAS regulations.

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 -