

TECHNICAL DATA SHEET

GRASP MM 58

Melamine Wood Adhesive

➤ **DESCRIPTION:**

Is a specially formulated synthetic resin adhesive for bonding melamine laminated boards to timber and end grain particle board.

➤ **SPECIFICATION:**

APPEARANCE:	WHITE MILKY LIQUID
VISCOSITY:	4500 – 5500 CPS (4/20/25)
SOLIDS:	APPROX. 55 - 57%
INITIAL TACK:	MEDIUM
SPECIFIC GRAVITY:	APPROX. 1.07 g/ml
V.O.C	LESS THAN 1 %

➤ **APPLICATION:**

Timber surfaces to be glued should be clean, dry and free of oil, grease etc. Where practicable, light sanding is recommended before gluing. Joints should be close fitting. Timber moisture content should be in the range of 7-10%

Glue may be applied by brush, roller or squeeze bottle. Where practicable, apply to both surfaces of the joint. Recommended spread rate 3-5 square metres of glue line per litre of adhesive. Avoid use of metal containers or utensils as timber staining may result.

➤ **ASSEMBLY TIME:**

Is the period between spreading the glue and the application of pressure. Permitted assembly time will depend on the type and moisture and content timber, and on ambient temperatures and humidity.

Open assembly time, where the spread surfaces are left exposed, should not exceed three (3) minutes under moderate conditions (21 c).

Closed assembly time where the spread surfaces to be bonded are brought together but are not under pressure, should not exceed ten (10) minutes under moderate conditions.

At higher temperatures the permitted assembly time will be reduced. Under all conditions, the glue line must not be allowed to dry out before the application of pressure.

The presence of glue squeeze out after pressure is applied generally indicates that permitted assembly time has not been exceeded.

➤ **CLEAN UP:**

Where necessary, wipe excess glue from the joint with a clean damp cloth.

➤ **STORAGE:**

Store out of direct sunlight in sealed plastic containers. this product will store for 6-12 months in a cool factory area.

➤ **PACKAGING:** 4 litre, 20 litre

<p>The information presented is believed to be accurate, however, no guarantee is implied or given. User should conduct their own testing to determine the suitability of any product for a particular purpose.</p>



1. Identification of Material and Supplier

Product Name: GRASP MM58
Recommended Use: General purpose waterborne adhesive.
Supplier: Allegra Hardware
 Address: 2/151 Granite Street, Geebung QLD 4014
 Telephone: 07 3180 8807

Contact Poison Information Centre: 13 11 26

2. Hazards Identification

NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.

This material is NOT classified as Hazardous according to health criteria of NOHSC Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

Poisons Schedule (Aust): Not applicable

3. Composition/Information on Ingredients

COMPOSITION	CAS #	%
Non-hazardous Ingredients	-	To 100%

4. First-Aid Measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0800 764766) or a doctor.

- Inhalation:** Remove patient to fresh air. Allow patient to rest in a comfortable position until recovered. Seek medical advice if symptoms persist.
- Skin:** Wash area(s) with soap and water. Remove contaminated clothing. Seek medical attention if skin irritation occurs.
- Eye Contact:** Hold eyelids open and immediately flush eyes continuously with running water for 15 minutes. It is advisable to seek medical advice for all eye contaminations.
- Ingestion:** Rinse mouth with water. If swallowed do NOT induce vomiting. Give water to drink. Seek medical advice.



Note to physician: Treat symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Water spray or fog, carbon dioxide (CO₂), Dry Chemical and Foam.

Hazards from Combustion: Possible formation of oxides of carbon, smoke and other unidentified products.

Precautions for Fire-fighters: Not combustible. However following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes.

Fire-fighting equipment: If exposed to fumes or products of combustion it's advisable to wear self-contained breathing apparatus.

Hazchem Code: Not Applicable.

6. Accidental Release Measures

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rags or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Wear protective equipment to prevent skin and eye contamination. Slippery when wet. Dam and contain spill with absorbent inert material (sawdust, vermiculite, dry sand or earth). Place into suitable sealed containers and follow state or local authority regulations for disposal of the waste.

7. Handling and Storage

Handling advice: Avoid contact eyes and repeated or prolonged skin contact.

Storage advice: Store in cool well-ventilated place, out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is NOT classified as a dangerous goods nor a scheduled poison.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

No value is assigned for this specific material by the National Occupational Health & Safety Commission (NOHSC Australia).



Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]” the ingredients in this material do not have a Biological Limit allocated.

Engineering Control Measures: Use in well ventilated areas. Local exhaust should be adequate.

Personal Protective Equipment: Standard safety apparel of overalls, safety shoes or boots, safety glasses. If there is a risk of repeated skin exposure, wear impervious gloves (PVC coated should be adequate). Wear goggles and organic vapour respirator if at risk of exposure to vapours, fumes or spray mist.

9. Physical and chemical properties

Appearance / Colour / Odour:	thick white liquid, mild odour.
pH:	6.5 – 8.5
Vapour Pressure (15°C):	Not Available
Vapour Density (air=1):	Not Applicable
Boiling Point (°C):	approx 100°C
Freezing point (°C):	approx 0°C (water)
Solubility in water (g/L):	Miscible
Specific Gravity:	1.05 approx
Flash Point (°C):	Not Applicable
Flammability Limits:	Not Applicable
Autoignition temperature (°C):	Not Applicable
Viscosity:	4,000 – 10,000 cPs
Percent Volatile:	40 - 50

10. Stability and Reactivity

Chemical stability:	Stable when stored and used as directed.
Conditions to avoid:	None specific, but advisable to avoid elevated.
Incompatible materials:	Advisable to avoid Oxidising agents.
Hazardous decomposition products:	If heated excessively, possible formation of oxides of carbon and other unidentified (possible toxic) products.
Hazardous Reactions:	None known.

11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs.

Acute Effects:

Ingestion:	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Inhalation:	May be an irritant to mucous membranes and respiratory tract.



Eye contact: May cause eye irritation.

Skin contact: May be a skin irritant.

Chronic Effects:

No information available for the product.

Toxicological Data:

No LD50 data available for the product.

12. Ecological Information

Avoid contaminating waterways.

Mobility/Persistence/Biodegradability: No information available for this product.

13. Disposal Considerations

Refer to Waste Management Authority or dispose of material through a licensed waste contractor.

14. Transport Information

NOT classified as a Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for transport by Road and Rail, IMDG Code for transport by sea and by IATA Dangerous Code for air transport.

15. Regulatory Information

Poisons Schedule: Not Applicable

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other Information

MSDS

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