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MATERIAL SAFETY DATA SHEET

MSDS 603-A

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1. Product and Company Identification

- 1.1 PRODUCT NAME:** GARDTEX R: UNIT A
- 1.2 USE OF PRODUCT** Reservoir grade polyurethane based sealant.
- 1.3 SUPPLIER:** Equus Industries Ltd
Sheffield Street
Riverlands Industrial Estate
Blenheim, Marlborough, New Zealand
Telephone: +64 3 578 0214
Fax: +64 3 5780919
- 1.4 EMERGENCY CONTACT:** **National Poison Centre**
Telephone: 0800 764 766

Information about Safety Data Sheet: Telephone: +64 3 578 0214 8:00am – 6:00pm Mon – Fri

2. Hazards Identification

- 2.1 Classification:**
This product is non-hazardous and a non-dangerous good.
- 2.2 Risk/Safety Phrases:**
Not applicable.
- The full text of each R & S phrases is listed in Section 16.

3. Composition/Information on Ingredients

- 3.1 Chemical Characterization (Preparation):**
This product is a preparation.

3.2 Hazardous Ingredients:

CAS NO.	COMPONENT	CONCENTRATION %	CLASSIFICATION

- 3.3** Only ingredients, additives and impurities which are classified and contribute to the classification of the product are included in this section.



4. First Aid Measures

- 4.1 After Inhalation:**
Remove person to fresh air. Seek medical attention if necessary.
- 4.2 After Skin Contact:**
Wash with soap and water as a precaution. Remove and launder contaminated clothing before reuse. If skin irritation develops, consult a doctor.
- 4.3 After Eye Contact:**
Rinse with plenty of water for at least 15 minutes, while holding eyelid open. If eye irritation develops, consult a doctor.
- 4.4 After Ingestion:**
Dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:**
Use water fog, foam, carbon dioxide or dry chemical.
- 5.2 Protective Equipment:**
Wear self contained breathing apparatus and protective suit.
- 5.3 Specific Hazards:**
None known.
- 5.4 Combustion Products:**
Carbon monoxide, carbon dioxide, fumes and smoke.

6. Accidental Release Measures

- 6.1 Preliminary Action and Precautions:**
- 6.1.1** Use personal protective equipment.
- 6.1.2** Material can create slippery conditions.
- 6.1.3** Contain spills immediately. Can be solidified with Gardtex-R component B.
- 6.1.4** Collect spilled material and place in suitable containers for reuse or mix with Gardtex R component B and allow to solidify before disposal.
- 6.1.5** Prevent spills and cleaning run off from entering sewers, drains and open bodies of water.
- 6.1.6** Dispose of as detailed in Section 13.



7. Handling and Storage

7.1 Handling:

- 7.1.1 Avoid contact with eyes, skin and clothing.
- 7.1.2 Wash hands thoroughly after handling.
- 7.1.3 Keep containers tightly closed when not in use.
- 7.1.4 Do not breathe vapours, mist or gas.

7.2 Storage:

- 7.2.1 Store in cool, dry warehouse conditions.
- 7.2.2 Keep containers tightly closed at all times.
- 7.2.3 Avoid moisture contact during storage. Moisture contamination can affect the curing and properties of the sealant.

8. Exposure Controls and Personal Protection Equipment

8.1 Exposure Limits:

No values assigned for this specific material.

8.2 Exposure Controls:

8.2.1 Exposure Controls in the Work Place:

Use of local exhaust ventilation is recommended.

8.2.2 Personal Protection Equipment:

Respiratory Protection - Not generally required. If high temperatures are involved, use organic vapour/mist dual cartridge respiratory approved by NIOSH/MSHA.

Hand Protection - Neoprene or nitrile rubber based gloves are recommended.

Eye Protection - Chemical splash goggles.

Body Protection - Wear overalls, aprons to avoid contact with clothes and body.

Work/Hygiene Practices - Wash before drinking, smoking and/or eating. Do not wear contaminated clothes. Wash before reuse.



9. Physical and Chemical Properties

9.1 General Information:	
Physical State/Form	Paste
Colour	Various
Odour	Mild odour
Vapour Pressure	Not available
Vapour Density	Not available
Melting Point/Range	Not available
Boiling Point/Range	Not distillable
Water Solubility/Miscibility	Negligible
Evaporation Rate	Not applicable
Specific Gravity	1.25 - 1.28
Flash Point	>94°C
Flammable Limits	Not applicable
VOC	0 g/l (100% solid product)

10. Stability and Reaction

- 10.1 General Information:**
This product is stable and no hazardous reactions are known.
- 10.2 Conditions to Avoid:**
Avoid moisture contact and temperatures >150°C.
- 10.3 Material to Avoid:**
Avoid moisture to protect product quality.
- 10.4 Hazardous Decomposition Products:**
None expected when material is properly handled and stored. For thermal decomposition see Section 5.

11. Toxicological Information

- 11.1 General Information:**
No specific data is available for this material.
- 11.2 Skin Contact:**
May cause slight skin irritation upon contact.
- 11.3 Eye Contact:**
May cause slight eye irritation upon contact.
- 11.4 Ingestion:**
May cause gastrointestinal discomfort. Symptoms may include nausea, vomiting, lethargy or diarrhoea.
- 11.5 Inhalation:**
Inhalation hazard not anticipated at normal use temperatures.



12. Ecological Information

- 12.1 Environment Protection:**
Prevent from entering sewers, drains and waterways.
- 12.2 Ecotoxicity:**
No data available.
- 12.3 Persistence and degradability:**
No data available.
- 12.4 Bioaccumulative Potential:**
No data available.

13. Disposal Consideration

- 13.1 Material**
Dispose of according to regulations by incineration in a special waste incinerator or landfill at a permitted facility in accordance with local/national regulations.

14. Transport Information

- 14.1 Land Transport:**
- Road: Not regulated (not dangerous for transport)
- Rail: Not regulated (not dangerous for transport)
- 14.2 Sea Transport:** Not regulated (not dangerous for transport)
- 14.3 Air Transport:** Not regulated (not dangerous for transport)
- 14.4 Postal and Courier Service:** Can be transported.

15. Regulatory Information

This product is non-hazardous.

16. Other Information

- 16.1 Full Text of R-Phrases Contained in Section 2:**
Not applicable.
- 16.2 Full Text of S-Phrases Contained in Section 2:**
Not applicable.



- 16.3** The information contained in this Data Sheet relates only to the specific material identified. Equus Industries Ltd believes the information to be accurate and reliable as at the date of this Data Sheet. No Warranty, Guarantee or representation is expressed or implied by the Company as to the absolute correctness or completeness of any representation contained in this Data and assumes no legal responsibility in connection therewith. It can not be assumed that all acceptable safety measures are contained in this Data Sheet, or that additional measures may not be required under particular or exceptional circumstances or conditions.