

1. Product and Company Identification

- 1.1 PRODUCT NAME:** EQUUS SWELLSEAL
- 1.2 USE OF PRODUCT** Gunnable waterstop for Construction use
- 1.3 SUPPLIER:** Equus Industries Ltd
Sheffield Street
Riverlands Industrial Estate
Blenheim, Marlborough, New Zealand
Telephone: +64 3 578 0214
Email: admin@equus.co.nz
- 1.4 EMERGENCY CONTACT:** **National Poison Centre**
Telephone: 0800 764 766
- 1.5 DATE OF PREPARATION:** 01 October 2026

2. Hazards Identification
2.1 Hazard Classification:

Acute toxicity/inhalation	Cat 4
Skin Irritation	Cat 2
Eye Irritation	Cat 2
Respiratory Sensitisation	Cat 1
Skin Sensitisation	Cat 1

2.2 Hazard Pictograms:

2.3 Signal Word: Danger
2.4 Hazard Statements:

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergies or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation.

2.6 Prevention Statements:

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P280	Wear protective gloves/protective clothing/eye protection/face protection
P284	Wear respiratory protection

2.7 Response Statements:

P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position 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.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.



- 2.8 Dispose:** Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/Information on Ingredients

3.1 Chemical Characterisation: Mixtures

CAS NO.	COMPONENT	CONCENTRATION (% Weight)
9016-16-87-9	Polymethylene polyphenyl isocyanate	50-60
117-84-0	DOP	5-10
14807-96-6	Hydrous magnesium silicate	30-40

4. First Aid Measures

- 4.1 After Inhalation:**
Remove from exposure to fresh air immediately. Use oxygen if available. Get medical aid.
- 4.2 After Skin Contact:**
Remove immediately any soiled or soaked clothing. Wash skin with plenty of water and soap.
- 4.3 After Eye Contact:**
Rinse cautiously with water holding eyelids apart. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If irritation persists, seek medical advice/attention.
- 4.4 After Ingestion:**
Rinse mouth with water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately seek medical advice/attention.

5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:**
Product is not flammable. Use fire fighting measures that suit the surrounding fire.
- 5.2 Protective Equipment:**
Use accepted firefighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA)
- 5.3 Combustion Products:**
If this product is involved in a fire, the following can be released: Carbon oxides, magnesium oxide, silicon oxides.

6. Accidental Release Measures

- 6.1 Preliminary Action and Precautions:**
Avoid breathing vapours. Ensure adequate ventilation. Evacuate personnel to safe areas.
- 6.2 Environmental precautions:**
Do not allow to enter drainage system, surface or ground water.
Do not allow product to reach sewage system or water bodies.
- 6.3 Methods and materials for containment and cleaning up:**
Scrape/squeegee and shovel. Keep in suitable containers for disposal.



7. Handling and Storage

7.1 Handling:

7.1.1 Provide appropriate exhaust ventilation at places where exuded vapours may concentrate.

7.2 Storage:

7.2.1 Protect from sunlight. Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from oxidising agents.

8. Exposure Controls and Personal Protection Equipment

8.1 Maximum admissible concentration:

Ingredients with limit values that require monitoring at the workplace:

Data not available

8.2 Monitoring Method:

Data not available.

Engineering Control:

Supply with sufficient partial air exhaust.

Respiratory Protection:

Wear self-inhalation filter type vapour respirator if the vapour density in the air exceeds limits – organic vapour cartridge.

8.3 Personal Protective equipment

Eyes Protection:

Wear chemical safety goggles or face shield.

Body Protection:

Wear protective clothing.

Hands Protection:

Wear impervious gloves resistance to solvents.

Other Protections:

Clean and replace clothing after finishing work. You should wash hands and face with soap and clean water. The workplace must be strictly prohibited to food. Pay attention to personal hygiene.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties.

Physical State

Paste

Odour

Not available

Odour threshold

Not available

pH

Not available

Melting point

Not available

Initial boiling point and boiling range

Not available

Flash point

Not available

Evaporation rate

Not available

Flammability

Not available

Upper explosive limit % (V/V)

Not available

Lower explosive limit % (V/V)

Not available

Vapour density

Not available

Relative density (water=1)

Not available

Solubility (ies)

Not available

Partition coefficient: n-octanol/water

Not available

Auto-ignition temperature

Not available

Decomposition temperature

Not available

Viscosity

Not available



10. Stability and Reaction

- 10.1 Chemical Stability:**
Stable under normal temperature and pressure.
- 10.2 Distribution of Ban:**
Bases, strong oxidising agents, alcohols
- 10.3 Conditions to Avoid:**
Moisture
- 10.4 Hazardous Decomposition Products:**
Carbon oxides, magnesium oxide, silicon oxides
- 10.5 Hazardous Polymerisation:**
No data

11. Toxicological Information

- 11.1 Acute Toxicity:**
DOP 117-84-0
LD50 Oral – rat – 47000mg/kg
LD50 Dermal – guinea pig - >5000mg/kg
- 11.2 Sub-acute and Chronic toxicity:**
No known significant effects or critical hazards
- 11.3 Skin corrosion/irritation:**
Moderate skin irritation.
- 11.4 Serious eye damage/irritation:**
May cause eye irritation.
- 11.5 Sensitization:**
May cause allergic respiratory and skin reactions.
- 11.6 Mutagenicity:**
No known significant effects or critical hazards.
- 11.7 Carcinogenicity:**
IARC:
3-Group 3: Not classifiable as to its carcinogenicity to humans (Polymethylene polyphenyl isocyanate)
3-Group 3: Not classifiable as to its carcinogenicity to humans (Hydrous magnesium silicate)

12. Ecological Information

- 12.1 Ecotoxicity:**
DOP 117-84-0
Toxicity to fish NOEC – Cyprinodon variegatus (sheepshead minnow) – 168 mg/l - 96h.
- 12.2 Biodegradable:**
No known significant effects or critical hazards.
- 12.3 Non-biodegradable:**
No known significant effects or critical hazards.
- 12.4 Bioconcentration or biological accumulation:**
No known significant effects or critical hazards.



- 12.5 Other harmful effects:**
No

13. Disposal Consideration

- 13.1 Waste Information:**
Must be specially treated under adherence to official regulations. Consult state, local or national regulations for proper disposal.
- 13.2 Disposal Notice:**
Disposal area must comply with the environment and national safety standards.

14. Transport Information

- 14.1 Land Transport (AGG):**
Not regulated for transport of dangerous goods.
- Air Transport (ICAO-IATA/DGR):**
Not regulated for transport of dangerous goods.
- Sea Transport (IMDG-Code/GGVSee):**
Not regulated for transport of dangerous goods

15. Regulatory Information

- 15.1 HSNO Approval:**
- | | |
|---------------------|---|
| Approval Code | HSR 002544 |
| HSNO Group Standard | Construction Products (Subsidiary Hazard) Group Standard 2020 |
- 15.2 HSNO Controls:**
- | | |
|------------------|--------------|
| Approved Handler | Not required |
|------------------|--------------|

16. Other Information

- 16.2 Issue Information:**
- | | |
|----------------------|----------------|
| Date of Preparation: | 1 October 2026 |
| Reasons: | Update |
| Replaces: | 25 August 2020 |
- 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.