



**SAFETY DATA SHEET  
QUICSEAL 703  
PVC WATERSTOP**

**1. IDENTIFICATION OF THE SUBSTANCE/COMPOUND AND THE SUPPLIER**

Product Name: QUICSEAL 703 – PVC Waterstop  
Product Use: Water barrier for water-retaining and excluding structures

Details of the supplier:

*QUICSEAL CONSTRUCTION CHEMICALS PTE LTD  
No. 7 Eunos Avenue 8A  
Eunos Industrial Estate  
Singapore 409460*

Emergency Contact No.: (65) 6742 4466

**2. HAZARDS IDENTIFICATION**

**GHS classification**

This product is not classified as hazardous according to GHS criteria.

**GHS label elements and precautionary statements**

This product does not require a hazard warning label in accordance with GHS criteria.

**Other hazards which do not result in classification**

In case of decomposition, the product may release hazardous hydrogen chloride gas. The PVC component in the product may contain trace amounts of vinyl chloride, which is cancer suspect agent.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical Characterization/Description**

Extruded material from high-grade Polyvinyl chloride (PVC) compound.

**Components**

This product does not contain hazardous components in concentrations higher than the concentration limit according to the GHS Classification of Chemicals.

**4. FIRST-AID MEASURES**

**Eye Contact**

In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Seek medical attention.

**Skin Contact**

Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or with waterless hand cleanser. Obtain medical attention if irritation or redness develops.

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**Inhalation**

Remove person to fresh air. If person is not breathing, provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

**Ingestion**

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

**5. FIRE-FIGHTING MEASURES****Suitable Fire-extinguishing media**

Dry extinguishing media, foam, water.

**Specific hazards arising from the product**

Emission of irritating and corrosive hydrogen chloride gas during combustion. Carbon monoxide and carbon dioxide may be emitted when the product is burnt without sufficient oxygen.

**Further information**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions and Protective equipment**

Avoid contact with skin and eyes; Use protective clothing (gloves, goggles) and safety equipment.

**Environmental Precautions**

Do not release material into water sources.

**Methods and materials for containment and cleaning up**

Take up mechanically and collect in a suitable container for disposal.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Handle in accordance to good industrial hygiene and safety practices (i.e. gloves, goggles, and safety equipment should be used when handling chemicals; do not eat, drink, smoke when handling product). Wash hand thoroughly before eating and drinking. Any accidental contact with the product must be washed with clean water.

**Conditions for safe storage, including any incompatibilities**

Store product in a cool and dry place protected from ignition sources and away from direct sunlight.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control parameters / Occupational Exposure Limits

This product does not contain components which have relevant occupational exposure limits.

### Appropriate engineering measures

There are no relevant exposure control measures necessary for this product.

### Personal protective equipment

#### Respiratory protection

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

#### Hand protection

Suitable chemical resistant gloves (EN 374) also with prolonged, direct contact  
Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm).

#### Eye protection

Safety goggles with side shield (frame goggles) (e.g. EN 166)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                       |                    |
|-----------------------|--------------------|
| Physical state:       | Solid              |
| Appearance:           | Pallet/granule     |
| Odour:                | Odourless          |
| Flash Point:          | Not flammable      |
| Boiling Point:        | Not Applicable     |
| Melting Point:        | 140-170°C          |
| Oxidising Properties: | Not Applicable     |
| Flammability Limits:  | Not Available      |
| Water Solubility:     | Insoluble in water |

## 10. STABILITY AND REACTIVITY

### Chemical stability

The product is stable under normal conditions of use and storage. However, avoid extreme temperatures (>200°C) which can cause polymer decomposition.

### Possibility of hazardous reactions

No hazardous reactions are foreseeable under normal conditions of use and storage.

### Incompatible materials

Avoid contact with acetal or acetal copolymers in elevated temperature processing equipment. The two materials are not compatible and will react in a violent decomposition when mixed under conditions of heat and pressure.

### Hazardous decomposition products

Emission of irritating and corrosive hydrogen chloride gas during combustion. Carbon monoxide and carbon dioxide may be emitted when the product is burnt without sufficient oxygen.

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## 11. TOXICOLOGICAL INFORMATION

This product has not been tested and all the toxicological statements have been derived from the respective components' available toxicity information.

### Acute toxicity

Experimental/calculated data:

LD50, oral: > 5,000 mg/kg (the product is not toxic/harmful if swallowed.)

LD50, dermal: > 5,000 mg/kg (the product is not toxic/harmful in contact with skin)

LC50, inhalation: > 20 mg/L (the product is not toxic/harmful if inhaled)

### Skin and Eye Corrosion / Irritation

This product is not expected to cause skin or eye irritation.

### Respiratory / Skin sensitization

The product is not expected to cause allergic skin reactions or respiratory sensitization.

### Germ cell mutagenicity / Carcinogenicity / Reproductive toxicity / Developmental toxicity

Based on the assessment of available information, the product is: not mutagenic in bacteria; has no known carcinogenic effect; and not expected to cause reproductive and developmental toxicity.

### Specific target organ toxicity (single and repeated exposure)

Based on the available information, there is no specific target organ toxicity expected after a single or repeated exposure to the product.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

This product is not expected to be toxic/harmful to aquatic life both short-term and long-term. Product is biologically inert and non-biodegradable under massive form.

### Additional information

Do not release product as rubbish into natural waters.

## 13. DISPOSAL CONSIDERATIONS

### Disposal of material

Recover for reuse or recycle if possible. Waste can be disposed off by incineration in an approved facility or landfill according national regulations.

## 14. TRANSPORT INFORMATION

This product is classified as NON-HAZARDOUS under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

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## 15. REGULATORY INFORMATION

### Labelling requirements according to EEC Directives

This product is not subject to labeling in accordance with EEC Directives.

### National legislation/regulations

According to the data available to us, the product is not hazardous under the relevant Singapore Legislation.

## 16. OTHER INFORMATION

The information and data contained herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since QUICSEAL Construction Chemicals Pte. Ltd. cannot know all of the uses to which its products may be put or the conditions of use; it makes no warranties concerning the fitness or suitability of its products for a particular use of purpose.

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