



Publication Date: 11/2020

Triton TT Waterstop

High-swelling hydrophilic strip waterstop

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Trade Name: Triton TT Waterstop

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1: Relevant identified uses

The product is an active agent retaining water that reacts with water to seal structural cracks in concrete.

1.2.2: Uses advised against

Not determined

1.3. Details of the supplier of the safety data sheet

Supplier: Triton Systems
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Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with the criteria of Regulation No 1907/2006 (REACH) and 2015/830

Product is not classified as hazardous for human life and for the environment.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms and signal words: None

Hazard statements: None

Precautionary statements: None

2.3. Other hazards

The components do not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

Section 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Triton TT Waterstop is a mixture of sodium bentonite, butyl rubber and polybutyl resins. Bentonite contains naturally occurring crystalline silica in amounts less than 6%. The product does not contain components classified as hazardous for human health or the environment, or those with occupational exposure limit values established on the Community level.

Section 4: First aid measures

4.1. Description of first aid measures

First-aid measures after skin contact:	Exposure by this route does not occur.
First-aid measures after eye contact:	Exposure by this route does not occur.
First-aid measures after ingestion:	Exposure by this route does not occur.
First-aid measures after inhalation:	Exposure by this route does not occur.

4.2. Most important symptoms and effects, both acute and delayed

There are no known adverse effects or critical hazards when the product is properly used.

4.3. Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after a thorough examination of the injured.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Carbon dioxide, dry chemicals, foam, water spray.
Unsuitable extinguishing media:	Water jet – risk of the propagation of the flame.

5.2. Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gas containing carbon oxides, aldehydes, hydrocarbons. Do not inhale combustion products, they can be dangerous for human health.

5.3. Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Handle in accordance with good occupational hygiene and safety practices. Ensure that only the trained personnel removes the effects of the accident.

6.2. Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment.

6.3. Methods and material for containment and cleaning up

Collect mechanically. Transfer the collected material for re-use or treat it as waste.

6.4. Reference to other sections

Appropriate conduct with waste product – section 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Before break and after work wash hands. Use only in accordance with identified purpose.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in a cool, well-ventilated area. Protect against weather conditions (solar radiation, frost and precipitation, etc.). There are no special restrictions on storage with other products.

Incompatible products:	Strong bases. Strong acids.
Incompatible materials:	Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure Controls/personal protection

8.1. Control parameters

The product contains crystalline silica which may have national occupational exposure limit values, however, due to the specificity of the product and its physicochemical properties, it is not necessary to monitor dust concentrations in the work environment.

Please check any national occupational exposure limit values in your country.

8.2. Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Before break and after work wash hands carefully.

Hand and body protection: Not required.

Eye protection: Not required.

Respiratory protection: Not required.

Other information: Applied personal protective equipment must comply with the requirements of the Regulation (EU) 2016/425. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls: Do not allow large quantities of the product to contaminate ground water, canalization, sewages or soil.

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Black, brown
Odour:	Odourless
Odour threshold:	Not determined
pH:	Not applicable
Melting point/freezing point:	Not applicable
Initial boiling point and boiling range:	Not applicable
Flash point:	Not determined
Evaporation rate:	Not applicable
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Not determined
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Density (20°C):	Not determined
Solubility(ies):	Not soluble in water
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Product is not subject to auto-ignition
Decomposition temperature:	Not determined
Explosive properties:	Not display
Oxidising properties:	Not display
Viscosity:	Not applicable

9.2. Other information

No additional information available.

Section 10: Stability and reactivity

10.1. Reactivity

Product is feebly reactive. See also subsections 10.3-10.5.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

Hazardous reactions are not known.

10.4. Conditions to avoid

Protect from sources of heat and fire.

10.5. Incompatible materials

Organic solvents.

10.6. Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure):	Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure):	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.

Section 12: Ecological Information

12.1. Toxicity

The product is not classified as hazardous to the aquatic environment.

12.2. Persistence and degradability

The product is not biodegradeable.

12.3. Bioaccumulative potential

Product has no bioaccumulative potential.

12.4. Mobility in soil

Product is not mobile in soil.

12.5. Results of PBT and vPvB assessment

Components do not meet the PBT or vPvB criteria.

12.6. Other adverse effects

Not known.

Section 13: Disposal considerations

13.1. Waste treatment methods

The waste material should be stored in a designated place for reprocessing or destruction. The waste product should be recovered or disposed of in authorized incinerators or waste disposal facilities, in accordance with applicable regulations.

Legal basis: Directive 2008/98/EC, 94/62/EC.

Section 14: Transport information

14.1. UN number

Not applicable. Product is not dangerous for the environment.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

15.2. Chemical safety assessment

Chemical Safety Assessment is not required for mixtures.

Section 16: Other information

Clarification of aberrations and acronyms

PBT Persistent, Bioaccumulative and Toxic substance

vPv Very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and data sources

This SDS was prepared on the basis of sheets of the individual components, literature data, online databases (e.g. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the supplier. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

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