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Triton Triproof AQ

Masonry water repellent concentrate

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

1.1. Product Identifier

Product Form:	Mixture
Product Name:	Triproof AQ
Product Code:	TPAQ

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

1.2.1: Relevant identified uses

Main use category:	Professional use, Consumer use
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1.2.2: Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier:	Triton Systems Units 3 – 5 Crayford Commercial Centre Greyhound Way, Crayford, Kent DA1 4HF Tel: +44 (0) 1322 318 830 Fax: +44 (0) 1322 524 017 Email: info@tritonsystems.co.uk www.tritonsystems.co.uk
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1.4. Emergency telephone number

Emergency number:	+44 (0) 1322 318 830 (09:00 – 17:00 UK Time)
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Section 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2:	H315
Serious eye damage/eye irritation, Category 1:	H318
Full text of H statements:	see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP):	Danger
Hazardous ingredients:	2. Siloxanes and Silicones, 3-[(2-ami-noethyl)amino] propyl ME, di-Me, Hydroxy
Hazard statements (CLP):	H315 – Causes skin irritation H318 – Causes serious eye damage
Precautionary statements (CLP):	P264 – Wash hands, forearms and face thoroughly after handling P280 – Wear eye protection, face protection, protective clothing, protective gloves P302+P352 – IF ON SKIN: Wash with plenty of water P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310 – Immediately call a doctor, or a POISON CENTER P332+P313 – If skin irritation occurs: Get medical advice/attention P362+P364 – Take off contaminated clothing and wash it before reuse

2.3. Other hazards

PBT:	not relevant – no registration required
vPvB:	not relevant – no registration required.

Section 3: Composition/information on ingredients

3.1. Mixture

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
TRIETHOXYCAPRYLYLSILANE	CAS No) 2943-75-1 (EC no) 220-941-2	20 – 80	Skin Irrit. 2, H315
1. Siloxanes and Silicones, 3-[(2-ami-noethyl)amino] propyl ME, di-Me, Hydroxy	–	20 – 50	Skin Irrit. 2, H315
2. Siloxanes and Silicones, 3-[(2-ami-noethyl)amino] propyl ME, di-Me, Hydroxy	–	20 – 50	Skin Irrit. 2, H315 Eye Dam.1, H318
Oxirane, 2-methyl-, polymer with oxirane, mono(2- propylheptyl) ether	(CAS No) 166736-08-9	< 5	Acute Tox. 4 (Oral), H302

Full text of H-phrases: see section 16

Section 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation:	Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact:	Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after skin contact: Causes skin irritation.

Symptoms/injuries after eye contact: Causes serious eye damage.

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

No additional information available.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: If spilled, may cause the floor to be slippery. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

Section 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from : Keep away from children. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

See technical instructions for use of this substance/mixture.

Section 8: Exposure Controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls



Personal protective equipment:	Avoid all unnecessary exposure.
Materials for protective clothing:	Wear suitable protective clothing and gloves
Hand protection:	Wear protective gloves
Eye protection:	Chemical goggles or safety glasses
Skin and body protection:	Wear suitable protective clothing
Respiratory protection:	Wear appropriate mask
Other information:	Do not eat, drink or smoke during use.

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Off White
Odour:	Characteristic
Odour threshold:	No data available
pH:	7.5 – 9 at 20°C undiluted
Relative evaporation rate (butylacetate=1):	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	Non flammable.
Vapour pressure:	No data available
Relative vapour density at 20°C:	No data available
Relative density:	0.9 – 1
Solubility:	Miscible in Water.
Log Pow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

9.2. Other information

No additional information available.

Section 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

1. Siloxanes and Silicones, 3-[(2-ami-noethyl)amino] propyl ME, di-Me, Hydroxy	
LD50 oral rat	> 2000 mg/kg Argument by analogy
2. Siloxanes and Silicones, 3-[(2-ami-noethyl)amino] propyl ME, di-Me, Hydroxy	
LD50 oral rat	> 2000 mg/kg Argument by analogy
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (166736-08-9)	
LD50 oral rat	300 – 2000 mg/kg

Skin corrosion/irritation:	Causes skin irritation.
pH:	7.5 – 9 At 20°C undiluted.
Serious eye damage/irritation:	Causes serious eye damage. pH: 7.5 – 9 At 20°C undiluted.
Respiratory or skin sensitisation:	Not classified
Additional information:	Based on available data, the classification criteria are not met
Germ cell mutagenicity:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity:	Not classified
Additional information:	Based on available data, the classification criteria are not met
Reproductive toxicity:	Not classified
Additional information:	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure):	Not classified
Additional information:	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure):	Not classified
Additional information:	Based on available data, the classification criteria are not met
Aspiration hazard:	Not classified
Additional information:	Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms:	Based on available data, the classification criteria are not met

Section 12: Ecological Information

12.1. Toxicity

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (166736-08-9)	
LC50 fish 1	10 – 100 mg/l Brachydanio rerio (zebra-fish)
EC50 Daphnia 1	10 – 100 mg/l Daphnia magna (water flea)

12.2. Persistence and degradability

Enviroseal Concentrate	
Bioaccumulative potential	Not established.

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (166736-08-9)	
Biodegradation	> 80 % OECD 302 B (elimination)

12.3. Bioaccumulative potential

Enviroseal Concentrate	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Enviroseal Concentrate	
PBT	Not relevant – no registration required
vPvB	Not relevant – no registration required

12.6. Other adverse effects

Additional information: Avoid release to the environment

Section 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.
Ecology – waste materials: Avoid release to the environment.

Section 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN.

	ADR	IMDG
14.1. UN number	Not applicable	Not applicable
14.2. UN proper shipping name	Not applicable	Not applicable
14.3. Transport hazard class(es)	Not applicable	Not applicable
14.4. Packing group	Not applicable	Not applicable
14.5. Environmental hazards	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No

No supplementary information available.

14.6. Special precautions for user

Overland transport: No data available
Transport by sea: No data available

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

15.1.1. EU-Regulations: Contains no substances with Annex XVII restrictions
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16: Other information

Data sources: 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.

Other information: None.

Full text of H- and EUH-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage

SDS EU (REACH Annex II)

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information provided is designed only as guidance for safe use, processing, handling, storage, transport, release and disposal. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for use in combination with any other materials or in any process, unless specified in this safety data sheet.

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