

## VISQUEEN ANTI-LIME COATING

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

**Product name** VISQUEEN ANTI-LIME COATING  
**Product Code:** RS 054436

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

**Identified uses:** Silicate Sealer, Floor Hardener

#### 1.3 Details of the supplier of the safety data sheet

**Visqueen,**  
Heanor Gate Road,  
Heanor,  
Derbyshire,  
DE75 7RG  
[www.visqueen.com](http://www.visqueen.com)

#### 1.4 Emergency telephone number

**Emergency number:** Monday - Friday, 9am-5pm: 0333 202 6800.

For all other times please use the following number: 01773 841841.

### 2. HAZARD IDENTIFICATION

#### 2.1 Classification of the mixture

##### Classification

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 – H315 Eye Irrit. 2 – H319  
**Environmental hazards** Not Classified

#### WHS REGULATIONS

**Clasificación según NCh 382:**

**Distintivo según NCh:**

#### 2.2 Label Elements:

##### Pictogram



**Signal word** Warning  
**Hazard statements** H315 – Causes skin irritation  
H319 – Causes serious eye irritation

**Precautionary statements** P264 – Wash contaminated skin thoroughly after handling  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 – IF ON SKIN: Wash with plenty of water.  
P302+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 – Specific treatment (see medical advice on this label).  
P332+P313 – If skin irritation occurs: Get medical advice / attention.  
P337+P313 – If eye irritation persists: Get medical advice / attention.  
P362+P364 – Take off contaminated clothing and wash it before reuse.

#### 2.3 Other hazards:

#### HSNO Classification

### 3. COMPOSITION & INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

<b>SODIUM SILICATE</b>		<b>30-60%</b>
CAS number: 1344-09-8	EC number: 215-687-4	REACH registration number: 01-2119448725-31-0001
<b>Classification</b>		
Skin Irrit. 3 – H315		
Eye Irrit. 2 – H319		

The full text for all hazard statements is displayed in Section 16.

### 4. FIRST AID MEASURES

#### 4.1 Description of First Aid Measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention. Treat symptomatically.
<b>Inhalation</b>	IF INHALED: Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting.
<b>Ingestion</b>	IF SWALLOWED: Get medical attention immediately. If throat irritation or coughing persists, proceed as follows: Rinse mouth thoroughly with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Stop if the affected person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
<b>Skin contact</b>	IF ON SKIN (or hair): Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing. Remove contaminated clothing.
<b>Eye contact</b>	IF IN EYES: remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if irritation persists after washing.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	Treat symptomatically. See Section 11 for additional information on health hazards.
<b>Inhalation</b>	Irritating.
<b>Ingestion</b>	May cause stomach pain or vomiting. May cause irritation. Gastrointestinal symptoms, including upset stomach.
<b>Skin contact</b>	May cause skin irritation.
<b>Eye contact</b>	May cause eye irritation.

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

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	Treat symptomatically.

### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable extinguishing media:** Use fire-extinguishing media suitable for the surrounding fire. Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

#### 5.2 Special hazards arising from the substance or mixture

<b>Specific hazards:</b>	The product is not flammable. The product is non-combustible.
<b>Hazardous combustion products:</b>	None known.

#### 5.3 Advice for firefighters

<b>Protective actions during firefighting:</b>	No action shall be taken without appropriate training or involving any personal risk. Evacuate area.
<b>Special protective equipment for firefighters:</b>	Use air-supplied respirator, gloves and protective goggles.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions:** No actions shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Avoid contact with skin, eyes and clothing. Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of dust.

### 6.2 Environmental precautions:

**Environmental precautions:** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### 6.3 Methods and material for containment and cleaning up

**Methods for cleaning up:** If leakage cannot be stopped, evacuate area. Move containers from spillage area. Large spillages: Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Absorb small quantities with paper towels and evaporate in a safe place. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar.

### 6.4 Reference to other sections

**Reference to other sections:** For personal protection, see Section 8. For waste disposal, see Section 13. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

**Usage precautions:** For professional users only. Do not handle until all safety precautions have been read and understood. Use only in well-ventilated areas. Protect from moisture. Keep container dry. Container must be kept tightly closed when not in use. Do not eat, drink or smoke when using this product.

**Advice on general occupational hygiene:**

Do not eat, drink or smoke when using this product. Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage precautions:** Store at temperatures between 4°C and 30°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Do not store near heat sources or expose to high temperatures. Store away from the following materials: Acids. Protect from moisture.

**Storage class:** Chemical storage.

### 7.3 Specific end use(s).

**Specific end use(s):** The identified uses for this product are detailed in Section 1.2.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Occupational exposure limits  
SODIUM SILCATE**

The existing OEL (TRGS 900, June 2008) for dust is 3 mg/m<sup>3</sup>(alveolar fraction) and 10 mg/m<sup>3</sup> (respirable fraction). There are different sodium silicates dangerousness depending on their MR values (molar ratio) and concentration. DNELs and PNECs values found in the table below correspond to the worst case evaluated (MR.6, and high concentration).

**SODIUM SILCATE (CAS: 1344-09-8)**

<b>DNEL</b>	Workers – Inhalation; Long term systemic effects: 5.61 mg/kg/day General Population – Inhalation; Long term systemic effects; 1.38 mg/lg/day Workers – Dermal; Long term systemic effects: 1.59 mg/kg/day General Population – Oral; Long term local effects: not determined
<b>PNEC</b>	Industry/Professional – Fresh water; 7.5 m/l Industry/Professional – Marinewater; 1mg/l Industry/Professional – STP; 348 mg/l

## 8.2 Exposure controls

### Protective equipment



<b>Appropriate engineering controls:</b>	Provide adequate ventilation.
<b>Personal protection:</b>	Use protective clothing, hand gloves and goggles.
<b>Eye/face protection:</b>	Use safety glasses (with side shields). Safety glasses (with side shields) should be consistent with EN 166 or equivalent.
<b>Hand protection:</b>	To protect hands from chemicals, gloves should comply with European Standard EN374. It is recommended that gloves are made of the following material: Nitrile rubber. Butyl rubber.
<b>Other skin and body protection:</b>	Wear appropriate clothing to prevent skin contamination.
<b>Hygiene measures:</b>	Wash hands thoroughly after handling. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.
<b>Respiratory protection:</b>	If ventilation is inadequate, suitable respiratory protection must be worn.
<b>Environmental exposure controls:</b>	Keep container tightly sealed when not in use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Aerosol
<b>Colour:</b>	Amber
<b>Odour:</b>	Acetic acid
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	Endpoint waived according to REACH Annex VII, IX or XI
<b>Melting point:</b>	Not applicable
<b>Initial boiling point and range:</b>	Not determined
<b>Flash point:</b>	Not determined
<b>Evaporation rate:</b>	Not determined
<b>Evaporation factor:</b>	Not determined
<b>Inflammability (solid, gas):</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	Not applicable
<b>Other flammability</b>	Not applicable
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	Endpoint waived according to REACH Annex VII, IX or XI
<b>Bulk density:</b>	Not applicable
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Endpoint waived according to REACH Annex VII, IX or XI
<b>Explosive properties:</b>	Not applicable
<b>Explosive under the influence of a Flame:</b>	Not considered to be explosive
<b>Oxidising properties:</b>	Not applicable.
<b>Corrosion to metals</b>	
<b>Density</b>	

### 9.2 Other information

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

**Reactivity:** Reacts with water and moisture in the air.

### 10.2 Chemical stability

**Stability:** Stable at normal ambient temperatures and when used as recommended.

### 10.3 Possibility of hazardous reactions

**Possibility of hazardous reactions:** No potentially hazardous reactions known.

### 10.4 Conditions to avoid

**Conditions to avoid:** Avoid exposure to high temperatures or direct sunlight. When exposed to air, this product will absorb moisture.

### 10.5 Incompatible materials

**Materials to avoid:** Avoid contact with the following materials: Strong acids, Water, Moisture.

### 10.6 Hazardous decomposition products

**Hazardous decomposition products:** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases (NO<sub>x</sub>).

---

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects.

---

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

### 12.2 Persistence and degradability

### 12.3 Bioaccumulative potential

**Partition coefficient:** Not determined

### 12.4 Mobility in soil

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other adverse effects

---

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**General information:** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Waste should be treated as controlled waste.

**Disposal methods:** Dispose of contents/container in accordance with national regulations. Waste should be treated as controlled waste.

---

## 14. TRANSPORT INFORMATION

**General:** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1 UN Number** Not applicable.

**14.2 UN Proper Shipping Name** Not applicable.

**14.3 Transport hazard class(es).** No transport warning sign required.

**14.4 Packing group** Not applicable.

### 14.5 Environmental hazards.

**Environmentally hazardous substance/marine pollutant:** No.

**14.6 Special precautions for user** Not applicable.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. REGULATORY INFORMATION

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

<b>National regulations:</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits. Health and Safety at Work etc. ACT 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation:</b>	Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. 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 (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
<b>Guidance:</b>	Workplace Exposure Limits EH40
<b>Restrictions (Title VIII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2 Chemical safety assessment

<b>Inventories EU – EINECS/ELINCS</b>	All the ingredients are listed or exempt.
---	---

## 16. OTHER INFORMATION

<b>General information:</b>	Only trained personnel should use this material.
<b>Revision date:</b>	13/06/2018
<b>Revision</b>	1
<b>SDS Number</b>	4852
<b>Hazard statements in full:</b>	H315 – Causes skin irritation. H319 – Causes serious eye irritation.

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.