

**EVO-STIK TECH SGS GROUT GREY**  
 Supersedes Date: 15-May-2018

Revision Date 15-May-2018  
 Revision Number 1

**Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**
**1.1. Product Identifier**

**Product Name** EVO-STIK TECH SGS GROUT GREY  
**Pure substance/mixture** Mixture

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

**Recommended use** Cement. Building and construction work.  
**Uses advised against** None known

**1.3. Details of the supplier of the safety data sheet**
**Company Name**

Bostik Industries Limited  
 Newtown, Swords  
 Co. Dublin Ireland  
 Tel: +353 (1) 8624900  
 Fax: +353 (1) 8402186

**E-mail address** SDS.box-EU@bostik.com

**1.4. Emergency telephone number**

<b>United Kingdom</b>	+44 (1785) 272650
<b>Ireland</b>	+353 (1) 8624900 (Monday- Friday 9am-5pm)

**Section 2: HAZARD IDENTIFICATION**
**2.1. Classification of the substance or mixture**
**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

<b>Skin Corrosion/Irritation</b>	Category 2 - (H315)
<b>Serious eye damage/eye irritation</b>	Category 1 - (H318)
<b>Skin sensitisation</b>	Category 1 - (H317)
<b>Specific target organ toxicity (single exposure)</b>	Category 3 - (H335)

**2.2. Label Elements**
**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Contains Cement, portland, chemicals



**Signal Word**  
 DANGER

**Hazard statements**

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H335 - May cause respiratory irritation  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H317 - May cause an allergic skin reaction

## **Precautionary Statements - EU (§28, 1272/2008)**

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P103 - Read label before use  
P260 - Do not breathe dust  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap  
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 POISON CENTER or doctor  
P362 + P364 - Take off contaminated clothing and wash it before reuse  
P402 + P404 - Store in a dry place. Store in a closed container  
P405 - Store locked up  
P501 - Dispose of contents/ container to an approved waste disposal plant

## **2.3. Other Hazards**

### **General Hazards**

When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers. Product dust may be irritating to eyes, skin and respiratory system. Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease.

### **PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB

## **Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### **3.1 Substances**

Mixture

### **3.2 Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Cement, portland, chemicals	266-043-4	65997-15-1	>25 - <40	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317)		No data available

Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL.

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a doctor.
<b>Skin Contact</b>	Take off contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a doctor.
<b>Eye contact</b>	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a doctor immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. If swallowed, seek medical advice immediately and show this container or label.
<b>Self-Protection of the First Aider</b>	Use personal protective equipment as required.

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

<b>Symptoms</b>	Inhalation of dust in high concentration may cause irritation of respiratory system. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation in susceptible persons. Corrosive to the eyes and may cause severe damage including blindness.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to doctors</b>	May cause sensitisation of susceptible persons. Treat symptomatically.
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## Section 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable Extinguishing Media**  
Use extinguishing agent suitable for type of surrounding fire.

**Unsuitable Extinguishing Media**  
None known

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

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

**Hazardous Combustion Products** Carbon oxides.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions**  
Avoid creating dust. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing and eye/face protection.

**For emergency responders**  
Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust.

## 6.4. Reference to other sections

**Reference to other sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Avoid contact with skin and eyes. Wash contaminated clothing before reuse.

#### General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended.

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

#### Storage Conditions

Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct contact with water or excessive moisture.

### 7.3. Specific end use(s)

#### Other Information

Recommendation(s). Observe technical data sheet.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Chemical Name	European Union	Ireland	United Kingdom
Quartz 14808-60-7	-	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> respirable
Cement, portland, chemicals 65997-15-1	-	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	STEL: 30 mg/m <sup>3</sup> inhalable dust STEL: 12 mg/m <sup>3</sup> respirable dust TWA: 10 mg/m <sup>3</sup> inhalable dust TWA: 4 mg/m <sup>3</sup> respirable dust
Calcium sulfate 7778-18-9	-	TWA: 10 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	-

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

#### Personal Protective Equipment

**Eye/Face Protection** Tight sealing safety goggles. Face protection shield.

**Hand Protection** Gloves made of plastic or rubber. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Gloves must conform to standard EN 374.

**Skin and Body Protection** Avoid contact with skin, eyes or clothing. Wear appropriate personal protective clothing

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## Respiratory Protection

to prevent skin contact.  
Avoid generation of dust. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment.  
Particle filter device (DIN EN 143).

## Recommended filter type:

**Environmental Exposure Controls** Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical State	Solid
Appearance	Powder
Colour	Grey
Odour	Cement
Odour Threshold	No information available

Property	Values	Remarks • Method
pH	11 - 14	pH (as aqueous solution)
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash Point	No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit	No information available	
Vapour Pressure	No information available	
Vapour Density	No information available	
Relative Density	No information available	
Water Solubility	Insoluble in water	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Explosive Properties	Not an explosive	
Explosive Limits	No information available	
Upper	No information available	
Lower	No information available	
Oxidising Properties	Not applicable	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	

### 9.2. Other information

Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	100
Density	No data available
Bulk Density	1.1 g/cm <sup>3</sup>
VOC content (%)	

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reacts with water.

### 10.2. Chemical stability

Stable under normal conditions.

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## Explosion Data

Sensitivity to Mechanical Impact None.  
Sensitivity to Static Discharge None.

## 10.3. Possibility of hazardous reactions

### **Possibility of Hazardous Reactions**

None under normal processing.

## 10.4. Conditions to avoid

Exposure to air or moisture over prolonged periods.

## 10.5. Incompatible materials

Water.

## 10.6. Hazardous decomposition products

None under normal use conditions.

## **Section 11: TOXICOLOGY INFORMATION**

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

#### **Product Information**

No information or data specific to the product on this toxicological (health) effect is available.

<b>Inhalation</b>	Based on available data, the classification criteria are not met.
<b>Eye contact</b>	Corrosive to the eyes and may cause severe damage including blindness.
<b>Skin Contact</b>	Irritating to skin.
<b>Ingestion</b>	Based on available data, the classification criteria are not met.
<b>Sensitisation</b>	May cause sensitisation by skin contact.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin Corrosion/Irritation</b>	Irritant effect on the skin. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers.
<b>Serious eye damage/eye irritation</b>	Risk of serious damage to eyes.
<b>Sensitisation</b>	Cement product for which the amount of chromium VI was decreased to < 0,0002 % by a reduction agent (related to the total dry weight). As a precaution the product should be treated as a sensitiser.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	May cause disorder and damage to the. Respiratory system.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Target Organ Effects</b>	Eyes, Lungs, Respiratory system, Skin.

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**Aspiration hazard** No information available.

## Numerical measures of toxicity

### **Acute Toxicity**

## Component Information

**Toxicity Data** Data obtained on the component(s) include

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Cement, portland, chemicals 65997-15-1	LD50 >2000 mg/Kg (Rat)	LD50 >2000 mg/Kg	-

## **Section 12: ECOLOGICAL INFORMATION**

### 12.1. Toxicity

**Ecotoxicity** No information available

## Component Information

Data obtained on the component(s) include

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

**Partition coefficient** No information available

### 12.4. Mobility in soil

**Mobility in soil** Not expected to adsorb on soil.

### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6. Other adverse effects

No information available

## **Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors.

## **Section 13: DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

**Waste from Residues/Unused Products** Dispose of wastes in an approved waste disposal facility.

**Contaminated Packaging** Improper disposal or reuse of this container may be dangerous and illegal.

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**European Waste Catalogue** 17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

**Other Information** Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

### ADR

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

### IMDG

14.1 UN Number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine Pollutant	Np
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

### RID

14.1 UN Number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

### ICAO (air)

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

### IATA

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

## Section 15: REGULATORY INFORMATION

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

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work



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## Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

### **EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical Name	CAS No	Restrictions on use
Cement, portland, chemicals	65997-15-1	47.

### **EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

### **Persistent Organic Pollutants**

Not applicable

## **15.2. Chemical safety assessment**

None

## **Section 16: OTHER INFORMATION**

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

#### **Full text of H-Statements referred to under section 3**

H335 - May cause respiratory irritation

H315 - Causes skin irritation

H318 - Causes serious eye damage

H317 - May cause an allergic skin reaction

#### **Legend**

SVHC: Substances of Very High Concern for Authorisation:

#### **Legend** Section 8: Exposure controls and personal protection

TWA TWA (time-weighted average)

Ceiling Maximum limit value

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

STOT (RE): Specific target organ toxicity - Repeated exposure

STOT (SE): Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

STEL

\*

STEL (Short Term Exposure Limit)

Skin designation

### **Key literature references and sources for data**

Classification and labeling data calculated from data received from raw material suppliers

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 15-May-2018

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## Indication of changes

<b>Revision Note</b>	Not applicable.
<b>Training Advice</b>	No information available
<b>Further information</b>	No information available

**This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006**

## **Disclaimer**

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and 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 such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**