

CEMENTONE COLOURS FOR CEMENT TILE RED
Supersedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
Revision Number 1

This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name CEMENTONE COLOURS FOR CEMENT TILE RED
Pure substance/mixture Mixture

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

Recommended use Pigment.
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

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

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Not classified

2.2. Label Elements

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

Not classified

Precautionary statements

P102 - Keep out of reach of children
P281 - Use personal protective equipment as required

2.3. Other Hazards

General Hazards

No information available.

PBT and vPvB assessment

United Kingdom, Ireland - BE

Safety Data Sheet

CEMENTONE COLOURS FOR CEMENT TILE RED
Supersedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
Revision Number 1

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

Mixtures

Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Limestone	215-279-6	1317-65-3	40 - <80			Exempt (N)
Ferric oxide black	215-277-5	1317-61-9	15 - 25			01-2119457646-28 -XXXX
Iron oxide (Fe ₂ O ₃)	215-168-2	1309-37-1	10 - <20			01-2119457614-35 -XXXX

Within the present knowledge of the supplier, this product does not contain any ingredients in quantities requiring reporting in this section, in accordance with EU or national regulations.

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)

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Remove to fresh air.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Ingestion	Rinse mouth. Drink 1 or 2 glasses of water.

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

Symptoms None known.

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

Note to doctors Treat symptomatically.

Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Foam, Carbon dioxide (CO₂), Dry chemical, Water spray (fog),

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire

Safety Data Sheet

CEMENTONE COLOURS FOR CEMENT TILE RED
Supercedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
Revision Number 1

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Ensure adequate ventilation, especially in confined areas.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

See Section 12 for additional Ecological Information.

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 Sweep up and shovel into suitable containers for disposal.

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

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Specific Use(s)

Pigment.

Other Information

Observe technical data sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	Ireland	United Kingdom
Limestone 1317-65-3	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³

Safety Data Sheet

CEMENTONE COLOURS FOR CEMENT TILE RED
 Supercedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
 Revision Number 1

		STEL: 30 mg/m ³ STEL: 12 mg/m ³	STEL: 30 mg/m ³ STEL: 12 mg/m ³
Iron oxide (Fe ₂ O ₃) 1309-37-1	-	TWA: 5 mg/m ³ TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 5 mg/m ³ TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 10 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)

Ferric oxide black (1317-61-9)

Type Worker Systemic health effects Long term
 Exposure route Inhalation
 Derived No Effect Level (DNEL) 10 mg/m³

Type Worker Local health effects Long term
 Exposure route Inhalation
 Derived No Effect Level (DNEL) 10 mg/m³

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.
Skin and Body Protection Suitable protective clothing.

Environmental Exposure Controls No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State Solid
Appearance Powder
Colour Red
Odour Odourless
Odour Threshold Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	4 - 8	No information available
Melting point / freezing point	> 1000 °C	
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 or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapour Pressure	No information available	
Vapour Density	No information available	
Relative Density	No information available	
Water Solubility	0.1 g/l @ 20 °C	
Solubility in Other Solvents	No information available	
Partition coefficient	No information available	

Safety Data Sheet

CEMENTONE COLOURS FOR CEMENT TILE RED
Supersedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
Revision Number 1

Autoignition Temperature	No information available
Decomposition Temperature	No information available
Explosive Properties	No information available
Oxidising Properties	No information available
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 (%)	No information available
Density	No data available
Bulk Density	No data available
VOC (volatile organic compound)	No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

Stable under normal conditions.

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

Heat, flames and sparks.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: TOXICOLOGICAL 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.

Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.
Skin contact	Based on available data, the classification criteria are not met.
Ingestion	Based on available data, the classification criteria are not met.
Sensitisation	No data available.

Safety Data Sheet

CEMENTONE COLOURS FOR CEMENT TILE RED
Supersedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
Revision Number 1

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

Skin corrosion/irritation	Not applicable.
Serious eye damage/eye irritation	Not applicable.
Sensitisation	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Carcinogenicity	Not applicable.
Reproductive Toxicity	No information available.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

Numerical measures of toxicity

Acute Toxicity

Component Information

Toxicity Data No information available

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity No information available

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea	M-Factor
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus)	CL50 (96h) >10000mg/L Fish (Oncorhynchus mykiss)	CE50 (48h) >1000 mg/L Daphnia Magna	
Ferric oxide black 1317-61-9	-	96H LLO >=10000 mg/L	48H ELO >=10000 mg/L	
Iron oxide (Fe2O3) 1309-37-1	-	LC0 (96h) > 50000 mg/L (Danio rerio)	EC50 (48h) > 100 mg/L (Daphnia Magna) OECD 202	

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 No information available.

Safety Data Sheet

CEMENTONE COLOURS FOR CEMENT TILE RED
Supercedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
Revision Number 1

12.5. Results of PBT and vPvB assessment

Chemical Name	PBT and vPvB assessment
Ferric oxide black 1317-61-9	The substance is not PBT / vPvB PBT assessment does not apply
Iron oxide (Fe ₂ O ₃) 1309-37-1	The substance is not PBT / vPvB PBT assessment does not apply

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	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Improper disposal or reuse of this container may be dangerous and illegal.
European Waste Catalogue	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

Section 14: TRANSPORT INFORMATION

Land transport (ADR/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 hazards	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

Air transport (ICAO-TI / IATA-DGR)

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 hazards	Not applicable
14.6 Special Provisions	None

Section 15: REGULATORY INFORMATION

Safety Data Sheet

CEMENTONE COLOURS FOR CEMENT TILE RED
Supersedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
Revision Number 1

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

European Union

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 does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

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

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

Section 16: OTHER INFORMATION

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

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
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		

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 12-Oct-2018

Indication of changes

Revision Note Not applicable.

Safety Data Sheet

CEMENTONE COLOURS FOR CEMENT TILE RED
Supersedes Date: 12-Oct-2018

Revision Date 12-Oct-2018
Revision Number 1

Training Advice No information available

Further information No information available

This material 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