



SAFETY DATA SHEET ROCKITE (1907/2006/EC)

ROCKITE EXPANDING CEMENT

1. Identification of Substance/Preparation and Company

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| 1.1. | Information on the product
Trade Name: ROCKITE | |
| 1.2. | Use of the substance /preparation
Installing threaded studs, bars and posts in solid material. Concrete and stone repairs and patching | |
| 1.3. | Identification of the manufacturer/supplier
Supplier | <p>JCP Construction Products
Unit 14, Teddington Business Park
Station Rd Teddington
TW11 9BQ
United Kingdom.</p> <p>Telephone No. +44 208 943 1800
Telefax +44 208 943 1140</p> <p>Web: www.jcpfixings.co.uk</p> <p>Contact person: jcpenquiries@owlett-jaton.com</p> <p>Emergency information: +44 (0)208 943 1800
8.30am-5.00pm Monday to Friday</p> |

2. Hazards Identification

Appearance	Powder.
Color	Gray.
Odor	Odorless.

Pictogram(s)



Signal Word	Danger, Danger, Warning
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Hazard Statements	<p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H317 May cause an allergic skin reaction</p> <p>H335 May cause respiratory irritation.</p>
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Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P202 Do not handle until all safety precautions have been read and understood.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P264 Wash thoroughly after handling.
 P261 Avoid breathing dust/fume/ gas/mist/vapours/spray.
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 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/physician

Contains

Cement, portland, chemicals

GHS Classification

Physical and Chemical Hazards

Human Health

Environment

Not classified
 Skin Irrit.2 - H315, Eye Dam. 1 - H318, Skin. Sens1 B- H317,, STOT SE3 - H335
 Not classified

OSHA Regulatory Status

This product is Hazardous under the OSHA Hazard communication Standard.

Inhalation

Ingestion

Skin contact

Causes respiratory tract irritation.
 May cause discomfort if swallowed.
 Skin irritation. May cause allergic reactions. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. The product when wet is caustic and cause severe skin effects including cracking or burns in case of prolonged contact.

Eye contact

Serious eye irritation. May cause redness, swelling, pain and tearing. Permanent eye damage including blindness could result.

Routes of Exposure

No Information available.

3. Composition/information of ingredients

Name	Product Identifier	GHS Classification	%
Cement, portland, chemicals	CAS no.: 65997-15-1 EC / List no.: 266-043-4	Skin Irrit.2 - H315, Skin. Sens 1 B- H317, Eye Dam. 1 - H318, STOT SE 3 - H335	2%
Calcium Sulfate Hemihydrate	CAS no.: 7778-18-9 EC / List no.: 231-900-3	Skin. Sens 1 - H317, Skin Corr. 1C - H314	98%

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General Information

General first aid, rest, warmth and fresh air.

Inhalation

If this product mist or dust is inhaled and symptoms occur, move the exposed person to fresh air promptly. Seek medical attention if symptoms persist. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.

Ingestion

If this product is ingested, give the exposed large amount of water and seek medical attention promptly. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Do not rub eye. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse. Continue to rinse for at least 15 minutes.



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Most important symptoms and effects, both acute and delayed

General Information	The severity of the symptoms described will vary dependant of the concentration and the length of exposure.
Inhalation	Causes respiratory tract irritation.
Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation. May cause allergic reactions. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. The product when wet is caustic and cause severe skin effects including cracking or burns in case of prolonged contact.
Eye contact	Serious eye irritation. May cause redness, swelling, pain and tearing. Permanent eye damage including blindness could result.
Routes of Exposure	No Information available.

Most important symptoms and effects, both acute and delayed

Notes To The Physician	Treat Symptomatically.
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SECTION 5: Firefighting Measures

Auto Ignition Temperature (°C)	No Information available.
Flammability Limit - Lower (%)	No Information available.
Flammability Limit - Upper (%)	No Information available.
Flash point	No Information available.
Extinguishing Media	Use fire-extinguishing media appropriate for surrounding materials.
Hazardous combustion products	Hazardous combustion may result in but it not limited to the release of oxides of calcium and sulfur.
Unusual Fire & Explosion Hazards	
Special Fire Fighting Procedures	Avoid breathing fire vapours. Ventilate closed spaces before entering them. Water spray should be used to cool containers.
Protective equipment for fire - fighters	Fire fighters should wear full protective equipment, including a NIOSH -approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION 6: Accidental Release Measures

Personal Precautions	Use personal protection recommended in Section 8. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Ensure adequate ventilation.
Environmental Precautions	Keep out of drains and water course.
Spill Clean Up Methods	Safely stop source of spill. Clean up spills immediately. Restrict non -essential personnel from the area. Wear protective clothing, goggles and respirator if ventilation is not adequate. Sweep up spilled material and place into container for reuse or disposal. Dispose of waste in accordance with local, state or federal regulations. Use vacuum or wet mop to clean up dust. Flush spill area with water.

SECTION 7: Handling and Storage

Handling	Avoid prolonged or repeated contact. Do not use contact lenses. Eliminate all sources of ignition. Use proper personal protection when handling (refer to Section 8). Use under well-ventilated conditions. Avoid contact with eyes, skin and clothing.
Usage Description	When handling the product avoid bodily contact and use appropriate personal protective equipment Use only according to directions.
Storage Precautions	Store closed containers in a cool, dry, well-ventilated area away from incompatible materials. This product is stable under normal conditions of handling and storage. Avoid cold temperatures. Avoid contact with acids, water and moisture.
Specific End Use(s)	The identified uses are in section 1 of this Safety Data Sheet.



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SECTION 8: Exposure Controls/Personal Protection

Protective Equipment



Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
Cement, portland, chemicals	OSHA	50ppm	15mg/m ³			
Calcium Sulfate Hemihydrate	OSHA		15mg/m ³			Total Dust
Calcium Sulfate Hemihydrate	OSHA		5mg/m ³			RepairableDust

Ingredient Comments

OSHA

Process Conditions

Provide eyewash, quick drench.

Engineering Measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory Equipment

A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

Hand Protection

Wash thoroughly after handling. Wear chemical resistant gloves.

Eye Protection

Wear safety glasses with side shields (or goggles). Ensure compliance with OSHA's PPE standard (29 CFR 1910.132 and .133) for eye and face protection.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9. Physical and Chemical properties

Appearance	White / Off white powder	Odour	Low Odour
Viscosity	N/A	Specific Gravity	2.7
Melting Point	1450°C (Decomposes)	Boiling Range	N/A
Flammability	N/A	Flash Point	None
Explosive Properties	N/A	Auto-Flammability	N/A
Vapour Pressure	N/A	Oxidising Properties	N/A
Solubility	0.22%	Evaporation Rate	N/A
Partition Coefficient	N/A	pH	N/A
Additional Information	N/A	Di-Electric Strength	N/A



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10. Stability and Reactivity

Stability:	Will harden if in contact with water. Stable under normal conditions.
Incompatibility:	N/A
Hazardous Decomposition:	Above 1450°C - SO ₂ and CaO
Hazardous Polymerisation:	None

11. Toxicological Information

Oral:	Will harden if swallowed and may cause obstruction
Inhalation:	Lung irritant. May cause irritation
Eye:	Mild irritant
Skin:	Mild irritant

12. Ecological Information

Do not discharge into drains or the environment

13. Disposal Considerations

Waste Management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal Methods	Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Empty containers or liners may retain some product residues. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

Supply label:	IMDG Code	UN No./SI No.
	EAC	Hazard Class
	ADR HIN	Packing Group

15. Regulatory information

Labelling:

Risk Phrases	(R20) (R36/38)	Harmful by inhalation Irritating to skin and eyes
Safety Phrases	(S1/2) (S3/7/9) (S26) (S28)	Keep locked up and out of reach of children Keep container closed in a well ventilated area In case of contact with eyes, rinse immediately with plenty of water and seek medical advise After contact with skin wash with plenty of soap and water

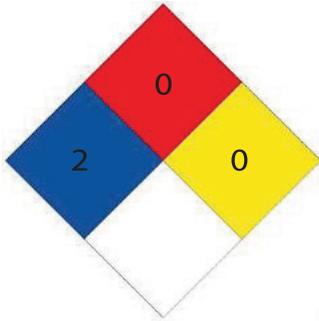


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16. Other information

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

Health	2
Flammability	0
Physical Hazard	0
Personal Protection	B

Disclaimer

The above information has been compiled from that provided by our suppliers and other sources. None of the original information relating to hazards or potential hazards has been omitted and so the absence of a particular reference merely implies either that such information has not been determined or that it is not applicable. Should amendments become necessary, these will be published in future issues. The above information is furnished without warranty of any kind. Users should consider this data only as a supplement of other information gathered by them and make independent determination of suitability and completeness of information from all sources to ensure proper use and disposal of these materials and the safety of employees and customers.