

# SAFETY DATA SHEET ROCKITE (1907/2006/EC)

## SECTION 1: IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Information on the product:	Trade Name: ROCKITE
Use of the substance / preparation:	Installing threaded studs, bars and posts in solid material. Concrete and stone repairs and patching.
Identification of the manufacturer / supplier:	F.H. Brundle 24-36 Lamson Road Ferry Lane North, Rainham RM13 9YY United Kingdom
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Emergency Telephone:	+44 (0) 1282 83 45 45 (Mon - Fri 08:30 - 16:30)
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## SECTION 2: HAZARD IDENTIFICATION

Appearance:	Powder.
Colour:	Grey.
Odour:	Odourless.
Pictogram(s):	



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

<b>Precautionary Statements:</b>	<p>P280 Wear protective gloves / protective clothing / eye protection / face protection.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P264 Wash thoroughly after handling.</p> <p>P261 Avoid breathing dust / fumes / gas / mist / vapours / spray.</p> <p>P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses - if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER or doctor / physician.</p>
<b>Contains:</b>	Cement, portland, chemicals.
<b>GHS Classification</b>	
<b>Physical and Chemical Hazards:</b>	Not classified.
<b>Human Health:</b>	Skin Irrit.2 - H315, Eye Dam. 1 - H318, Skin. Sens 1 B- H317, STOT SE 3 - H335.
<b>Environment:</b>	Not classified.
<b>OSHA Regulatory Status:</b>	This product is Hazardous under the OSHA Hazard communication Standard.
<b>Inhalation:</b>	Causes respiratory tract irritation.
<b>Ingestion:</b>	May cause discomfort if swallowed.
<b>Skin Contact:</b>	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 can cause severe skin effects including cracking or burns in case of prolonged contact.
<b>Eye Contact:</b>	Serious eye irritation. May cause redness, swelling, pain and tearing. Permanent eye damage including blindness could result.
<b>Routes of Exposure:</b>	No Information available.

## SECTION 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 Sulphate 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

<b>General Information:</b>	General first aid, rest, warmth and fresh air.
<b>Inhalation:</b>	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.
<b>Ingestion:</b>	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.
<b>Skin Contact:</b>	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.
<b>Eye Contact:</b>	Do not rub eyes. 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 for at least 15 minutes.

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

<b>General Information:</b>	The severity of the symptoms described will vary dependant of the concentration and the length of exposure.
<b>Inhalation:</b>	Causes respiratory tract irritation.
<b>Ingestion:</b>	May cause discomfort if swallowed.
<b>Skin Contact:</b>	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 causes severe skin effects including cracking or burns in case of prolonged contact.
<b>Eye Contact:</b>	Serious eye irritation. May cause redness, swelling, pain and tearing. Permanent eye damage including blindness could result.
<b>Routes of Exposure:</b>	No information available.

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

<b>Notes to the Physician:</b>	Treat symptomatically.
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## **SECTION 5: FIREFIGHTING MEASURES**

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

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	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.
<b>Environmental Precautions:</b>	Keep out of drains and water course.
<b>Spill Clean Up Methods:</b>	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**

<b>Handling:</b>	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.
<b>Usage Description:</b>	When handling the product avoid bodily contact and use appropriate personal protective equipment. Use only according to directions.
<b>Storage Precautions:</b>	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.
<b>Specific End Use(s):</b>	The identified uses are in Section 1 of this Safety Data Sheet.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Protective Equipment



Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
Cement, Portland, Chemicals	OSHA	50ppm	15mg/m3			
Calcium Sulphate Hemihydrate	OSHA		15mg/m3			Total Dust
Calcium Sulphate Hemihydrate	OSHA		5mg/m3			Repairable Dust

<b>Ingredient Comments:</b>	OSHA.
<b>Process Conditions:</b>	Provide eyewash, quick drench.
<b>Engineering Measures:</b>	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
<b>Respiratory Equipment:</b>	A NIOSH approved dust mask or filtering face piece 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).
<b>Hand Protection:</b>	Wash thoroughly after handling. Wear chemical resistant gloves.
<b>Eye Protection:</b>	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.
<b>Hygiene Measures:</b>	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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

## SECTION 10: STABILITY AND REACTIVITY

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

## SECTION 11: TOXICOLOGICAL INFORMATION

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

## SECTION 12: ECOLOGICAL INFORMATION

Do not discharge into drains or the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste Management:</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
<b>Disposal Methods:</b>	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.

## SECTION 14: TRANSPORT INFORMATION

<b>Supply label:</b>	IMDG Code EAC ADR HIN	UN No. / SI No. Hazard Class Packing Group
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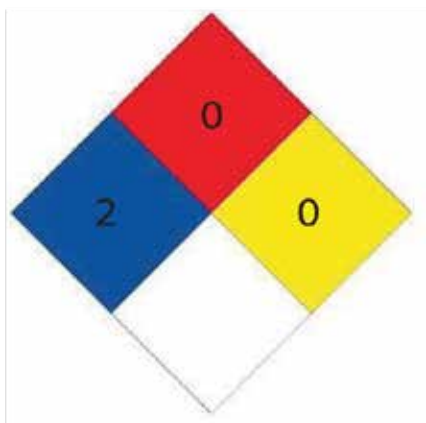
## SECTION 15: REGULATORY INFORMATION

### Labelling

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

## SECTION 16: OTHER INFORMATION

### NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



### HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

Health	2
Flammability	0
Physical Hazard	0
Personal Protection	B

### DISCLAIMER

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