



SAFETY DATA SHEET

Based on Regulation (EC) No. 1907/2006 Article 31 Annex II

ROCKITE

1. Identification of the substance/preparation and the company/undertaking

1.1 Identification of the substance

Rockite Expanding Cement

1.2 Use of the substance

Installing threaded studs, bars and posts in solid material. Concrete and stone repairs and patching

1.3 Company

Kingston, Surrey KT1 2SL
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Unit 07 Princess Court, Horace Rd
Kingston, Surrey KT1 2SL

Tel +44 (0)208 546 6545

Fax +44 (0)208 546 6019

email jcpenquiries@owlett-jaton.com

1.4 Telephone number for emergencies

Tel +44 (0)208 546 6545

2. Hazard identification

2.1 To people

May be an irritant in event of eye and skin contact

2.2 To the environment

See section 12

3. Composition/information of ingredients

Chemical name	CAS Number	Percentage
Gypsum	7778-18-9	98%
Portland Cement	65997-15-1	2%

4. First Aid measures

Eyes	Irrigate with clean water for at least 15 mnts. Seek medical attention
Skin	Remove from skin by washing. If irritation persists, seek medical advise May develop sufficient heat to cause burns if a large mass such as a cast of an arm or leg is kept in contact with skin while hardening
Ingestion	Hardens when wetted so may cause an obstruction. Seek medical advise.
Inhalation	Move patient to fresh air and allow to rest. <i>First Aiders should protect themselves from exposure (Ref to section 8)</i>

5. Fire fighting measures

Extinguishing Media	Not Combustible
Exposure Hazards	N/A
Fire Fighting Equipm	N/A

6. Accidental release measures

Scrape up and place in a suitable container for disposal. Wash area with water do not empty into drains.
Refer to sections 5,8 and 13 for protective measures and disposal.



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7. Handling and storage

- 7.1 Safe Handling** Follow general hygiene for handling chemicals
Wash hands before breaks and at end of work
- 7.2 Storage** Store in dry conditions. Dew point conditions or other liquid water conditions will harden gypsum cement.

8. Exposure controls/personal protection

Gypsum

OCCUPATIONAL EXPOSURE LIMITS Long Term 15mg/m³
Short Term 10mg/m³

Portland Cement

OCCUPATIONAL EXPOSURE LIMITS Long Term 10.0mg/m³
Short Term 10.0mg/m³

Respiratory Wear dust mask if dust is irritating
Ingestion Unlikely during normal use.
Eye protection Dust Goggles or Safety Glasses if dust is irritating
Skin protection Wear gloves if slurry is irritating

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

10. Stability and Reactivity

Stability: Will harden if in contact with water. Stable under normal conditions.
Incompatibility: N/A
Hazardous Decomposition: Above 1450°C - SO₂ 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

In an uncured state, place in a suitable container and dispose as cement dust in accordance with the local regulations. Allow to cure and dispose as solid waste.



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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)	Harmful by inhalation
	(R36/38)	Irritating to skin and eyes
Safety Phrases	(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 advise
	(S28)	After contact with skin wash with plenty of soap and water

16. Other information

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.