

New Crete - Powder

Issued: 12/04/2019; Revision No.1
 Regulation (EU) 453/2010

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Material name : New Crete Powder
 Product code :

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

Product use : Powder for use in Rapid Concrete Repair System.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: IMG Ltd.,
 Unit M
 Riverside Industrial Estate
 Fazeley
 Tamworth
 B78 3RW

Tel. : 01827 283322
 Fax. : 01827 250143

Email (for SDSs) : sales@img-limited.co.uk

1.4 Emergency tel. no. : 01827 283322 (Available from 08.30 – 17.00 hours).

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

Physical and Chemical Hazards	Not classified
Human health	Eye Dam.1; H318; Sk Irrit.2; H315; Sk.Sens.1; H317; STOT SE3; H335
Environment	Not classified

2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC

Signal word: Danger Contains: Cement, Portland, Chemicals
 Pictograms:



Hazard statements:	H318	Causes serious eye damage.
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H335	May cause respiratory irritation.

Precautionary statements:	P261	Avoid breathing dust.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
	P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.

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2.3 Other hazards This material is not classified as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures: Hazardous components

Chemical Name	CAS No./ EC No./ Reg. No	Classification (1272/2008/EC)	Content
CEMENT, PORTLAND, CHEMICALS	65997-15-1 266-043-3	Sk.Irrit.2; H315 Sk.Sens.1; H317 Eye Dam.1; H318 STOT SE3; H335	>60%

Ingredient comments: Also contains some amorphous silica – not classified, but has a WEL-See Section 8.

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

Skin contact: Wash with soap and water. Seek medical advice if irritation develops.

Eye contact: Rinse with water for 10 minutes and seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

Inhalation: If affected remove to fresh air and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed: May cause irritation to skin with prolonged or repeated contact.

4.3 Indication of any immediate medical attention and special treatment needed: See skin contact information above.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.
 Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.
 Further information: Standard procedure for chemical fires. Use water spray to cool unopened containers.
 Do not allow fire run-off to enter drains.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Spillage presents a slip hazard. Use personal protective equipment to deal with spillage.

6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

6.3 Methods and materials for containment and cleaning up

Wipe up any liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

6.4 References to other sections: See sections 8 and 13 for personal protection and disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Handle with care.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Protect from frost, heat and sunlight. Incompatible with oxidising agents. Keep away from food, drink and animal feed.

7.3 Specific end use(s): No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Chemical name	8hr TWA	15min STEL	Information	Reference
CEMENT, PORTLAND, CHEMICALS	10 mg/m ³ 4 mg/m ³	-	Inhalable dust - EH40 Respirable dust - EH40	EH40/2005
SILICA AMORPHOUS	6 mg/m ³ 2.4 mg/m ³	-	Inhalable dust - EH40 Respirable dust - EH40	EH40/2005

DNEL/PNEC: No information available.

8.2 Exposure controls

Engineering measures: Provide adequate ventilation. Avoid inhalation of dust. Observe exposure limits.

Personal protective equipment

Respiratory protection: If excessive dust is generated, use a respirator fitted with a particulate type P2 filter.

Hand protection: Use of rubber gloves may be advisable if using the product for prolonged periods.

Eye protection: Not required unless excessive dust is generated, in which case use chemical goggles.

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8.2 Exposure controls (continued)

Skin and body protection: Protective overalls.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

Environmental exposure controls: Do not discharge into drains or rivers.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour	Grey powder
Odour	Odourless
Odour Threshold	No data available
Flammability	Non-flammable
Flash point	Not applicable
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	Non-oxidising
Solubility in water	Insoluble
Solubility in other solvents	Not determined
pH	13-14 (when wet)
Melting point/range	Not determined
Boiling point/range	No data available
Relative density	>1.0
Vapour pressure	No data available
Vapour density	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity (kinematic)	Not applicable
Evaporation rate	No data available

9.2 Other information No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	None if stored and used as directed.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	None known.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No data available.
Skin corrosion/irritation:	Irritating to skin.
Serious eye damage/eye irritation:	May cause eye damage.
Respiratory or skin sensitisation:	May cause an allergic skin reaction
Repeated dose toxicity:	No data available
Carcinogenicity:	No known carcinogens.
Mutagenicity:	Not mutagenic.
Toxicity for reproduction:	Not toxic for reproduction.
Specific target organ toxicity (STOT):	May cause respiratory irritation.
Further information:	Inhalation of dust may cause irritation of airways due to abrasive action of particles. Long term this can cause fibrosis of lungs.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	No data available.
12.2 Persistence and degradability	Inorganic substances are not biodegradable.
12.3 Bioaccumulative potential	Not expected to bioaccumulate.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB assessment	Contains no PBT or vPvB substances.
12.6 Other adverse effects	The addition of cements to water will cause the pH to rise and may be toxic to aquatic life in some circumstances.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer.
Do not dispose of together with household waste. Contact licensed waste disposal company.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not burn or use a cutting torch on the empty container.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport purposes.

UN number not required.

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15. REGULATORY INFORMATION

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

UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

EU Directives

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

Chemical Safety Assessments/Reports (CSA/CSR) are not required for mixtures.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation EU 453/2010, amending Regulation (EC) No 1907/2006 (REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals).

Tariff number: 25232900

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 (CLP):

Physical hazards: On basis of test data./Expert judgement.
Health hazards: Calculation method
Environmental hazards: Calculation method

Full text of H-statements referred to under sections 2 and 3

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

Abbreviations and acronyms

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.
STOT: Single Target Organ Toxicity (Section 3 and 11).
TWA: Time-weighted average. (Section 8).
STEL: Short-term exposure limit. (Section 8).
DNEL: Derived no effect level – a level above which humans should not be exposed. (Section 8).
PNEC: Predicted No Effect Concentration (Section 8).
EC50: Effective Concentration, 50 percent. (Section 12).
IC50: Inhibition Concentration, 50 percent. (Section 12).
LC50: Lethal Concentration, 50 percent. (Section 11/12).
LD50: Lethal Dose, 50 percent. (Section 11).

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Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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