

Material Safety Data Sheet

Golden Coast



Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

Creation Date 29.11.96

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Revision Number 2

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1 PRODUCT NAME: SAND 16/30

PRODUCT CODE: 15 86 277 025

Other names Filter Sand, Silica Sand

2 COMPOSITION

Ingredients	CAS No	Content	R Phrases
Silica Sand	14808-60-7	N/A	N/A

3 HAZARD IDENTIFICATION

Not classified as hazardous. Possibility of dust generation on handling.

Eyes	Dust will cause transient irritation by abrasion
Skin	Dust may cause irritation by abrasion
Ingestion	Gastrointestinal irritation
Inhalation	Prolonged exposure to dust may have the following effects: long term irreversible effects from inhalation of respirable crystalline silica.

4 FIRST AID

SKIN

Wash skin thoroughly with soap and water.

EYES

Immediately flood the eye with plenty of water for at least 10 mins, holding the eye open. Obtain medical attention if soreness or redness persists.

INGESTION

Wash out mouth with water. Do not induce vomiting. Obtain medical attention.

INHALATION

Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. Obtain medical attention.

OTHER INFORMATION

Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Not combustible

Golden Coast

Fishleigh Road, Roundswell Business Park
Barnstaple EX31 3UA

Tel: +44 (0)1271 378100 Fax: +44 (0)1271 371699

Internet: www.goldenc.co.uk e-mail: swimmer@goldenc.co.uk

As an ISO9002 accredited company we reserve the right to alter and improve the specification of products as deemed necessary.
Golden Coast is the trading name of Golden Coast Swimming Pools Ltd Registered in England and Wales 2420044 VAT Reg. No 540 4110 02



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6 ACCIDENTAL RELEASE MEASURES

SPILLAGES Dry spillage: Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Avoid creating a dust. Dampen down with water if possible.

Moist Spillage: Sweep up into suitable containers for recovery or disposal.

7 HANDLING AND STORAGE

Handling Avoid creating a dust. Avoid inhaling dust.

Storage Storage area should be dry and well ventilated.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits UK EH40: MEL 0.3mg/m³ 8h TWA. As SiO₂ Crystalline Dust, respirable:

Engineering Control Measures: Use of the basic principles of Industrial Hygiene will enable this material to be used safely. Local exhaust ventilation is recommended when dust is likely to be generated from the handling of dry material. Wherever practicable the product should be handled within a closed system.

PPE	Respiratory	Dust respirator if conditions are dusty
	Hand	PVC gloves
	Eye	Chemical goggles or face shield
	Skin and Body	Normal workwear, overall or apron

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Granules
Colour	Buff red
Odour	Odourless
Solubility in water (kg/m³)	Insoluble
Density	2650
Particle size range	Variable

10 STABILITY AND REACTIVITY

Stable under normal conditions

Avoid exposure to water or moisture

11 TOXICOLOGICAL INFORMATION

This material is an irritant to the eyes.

This product contains respirable Silica in the form of quartz (particle size range in Microns is stated in Section 9 of this MSDS). Prolonged exposure can give rise to fibrosis of the lungs, commonly referred to as silicosis. The respirable percentage of SiO₂ available to inhale will be dependent upon prevailing conditions.

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12 ECOLOGICAL INFORMATION

Mobility	The product is involatile and insoluble and will accumulate in the ground.
Persistence/Degradability	The product is resistant to biodegradation.

13 DISPOSAL CONSIDERATIONS

Substance	Landfill. Dispose of in accordance with all applicable local and national regulations.
Containers	Contaminated containers must not be treated as household waste.

14 TRANSPORT INFORMATION

ADR/RID – Description	Not classified for conveyance purposes.
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15 REGULATORY INFORMATION

Labelling information	Not classified
S Phrases	Do not breathe dust. Take precautionary measures against static discharges.

16 OTHER INFORMATION

Uses and restrictions	Building materials and additives, ceramic materials, filter, foundry sand, glass Manufacture.
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Glossary	PPE	- Personal Protective Equipment
	N/A	- Not Available
	N/K	- Not Known

THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. THE MANUFACTURER BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION, BUT MAKES NO WARRANTY THAT IT IS. ADDITIONALLY, IF THIS MATERIAL SAFETY DATA SHEET IS MORE THAN THREE YEARS OLD, YOU SHOULD CONTACT THE MANUFACTURER TO MAKE CERTAIN THAT THIS SHEET IS CURRENT.

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