



In compliance with Regulation (EC) 1907/2006 & amendment
Regulation (EC) 2020/878, and Regulation (EC) 1272/2008 (CLP) Revision date 17.05.2024
Version 01

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY	
1.1 Product Identifier:	
Name	Soluform Sandbag
Synonyms	NA
Trade names	Soluform
1.2 Relevant identified uses of the substance	
Main applications – non Exhaustive list	These range from Traffic Management and Event Management to Embankment stabilisation and flood defence: Trench and Excavation Safety: Temporary Traffic Management: Retaining Wall Construction: Flood and Erosion Control: Temporary Structures and Site Protection:
1.3 Details of the supplier of the safety data sheet	
Company name	Hoben International Limited
Address	Manystones Lane Brassington MATLOCK Derbyshire DE4 4HF United Kingdom
Phone No.	+44 (0) 1629 541066
Email	info@soluform.co.uk
1.4 Emergency telephone number	
Telephone number	+44 (0) 1629 541066
Language	English
Opening Hours	Available Monday to Friday (not bank holidays), 8 am to 5 pm (UK time)
2. HAZARD IDENTIFICATION	
2.1 Classification of the substance	
	Quartz sand does not meet the criteria for classification as Hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EEC.
2.2 Label elements	
Pictogram	None
2.3 Other hazards:	
	This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH
	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Material Safety Data Sheet – Soluform Sandbags

In compliance with Regulation (EC) 1907/2006 & amendment
Regulation (EC) 2020/878, and Regulation (EC) 1272/2008 (CLP)

Revision date 17.05.2024

Version 01

Precautionary Information:

The product does give potential for generation of respirable dust during handling and use. Dust may contain respirable crystalline silica. Prolonged and or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Main constituents with Substances:

Name	Chemical	EINECS	CAS	REACH	Classification	Reg No	EU (67/548/EC)
Quartz	Silicon Dioxide ca.99 %	238-878-4	14808-60-7	14808-60-7	Exempted	Exempted	None

3.2 Impurities

This product contains less than 1% of quartz (respirable).

4. FIRST AID MEASURES

4.1 No actions are to be avoided, nor are there any special instructions for rescuers

Eye Contact: Rinse with copious quantities of water immediately.

Ingestion: Not hazardous. No special first aid measures necessary.

Inhalation: No special first aid measures. Remove to fresh air and consult a physician if necessary.

Skin Contact: Not hazardous. No special first aid measures necessary.

4.2 **Impurities Most important symptoms and effects both acute and delayed:** None observed

4.3 **Indication of any immediate medical attention and special treatment needed:** None required

5. FIRE FIGHTING MEASURES

The product does not burn. No hazardous releases in case of fire.

5.1 **Suitable extinguishing media** Not applicable

Extinguishing media which should not be used - Not applicable

5.2 **Special exposure hazards** Not applicable

Special protective equipment for fire fighters - Not applicable

5.3 **Advice to firefighters** – no specific fire-fighting protection is required

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Avoid airborne dust generation. In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment in compliance with national legislation.

6.2 **Environmental precautions:** No special requirements.

6.3 Methods for cleaning up:

Use water spraying or vacuum cleaning systems to prevent airborne dust generation. Avoid dry sweeping.

Material Safety Data Sheet – Soluform Sandbags

In compliance with Regulation (EC) 1907/2006 & amendment
Regulation (EC) 2020/878, and Regulation (EC) 1272/2008 (CLP)

Revision date 17.05.2024

Version 01

7.	HANDLING AND STORAGE
7.1	Handling Avoid airborne dust generation. Handle bags carefully so as to prevent accidental bursting. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. If you require advice on safe handling techniques please contact your supplier, or check the Good Practice Guide referred to in Section 16. Do not eat, drink or smoke in work areas: wash your hands after use; remove contaminated clothing and protective equipment before entering eating areas.
7.2	Storage Keep containers closed and store bagged products so as to prevent accidental bursting.
7.3	Specific use(s) For industry specific guidance, check the Good Practice Guide referred to in Section 16.
8	EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1	Exposure limit values Respect workplace regulatory provisions for all types of airborne dust (total dust, respirable dust and respirable crystalline silica dust). The UK Control of Substances Hazardous to Health Regulations 2002 (as amended) require adherence to good practice principles in the control of exposure to hazardous substances. Additionally, a OEL (Occupational Exposure Limit) for respirable crystalline silica dust of 0.1mg/m ³ applies in the United Kingdom, measured as an 8 hour TWA (Time Weighted Average). For the equivalent limits in other countries, please consult a competent occupational hygienist or the local regulatory authority.
8.2	Exposure controls
8.2.1	Appropriate Engineering Controls Minimise airborne dust. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specific exposure limits. If user operation generates dust, fumes or mist, use ventilation to keep exposure to airborne particles below exposure limits. Apply organisational measures e.g. by isolating personnel from dusty areas. Remove and wash soiled cloths.
8.2.2	Occupational exposure controls Control of occupational exposure may be achieved by enclosing plant and equipment and by ensuring good standards of ventilation in the workplace. Provide appropriate local exhaust ventilation in places where airborne dust is generated. Isolate personnel from dusty areas. In case of insufficient ventilation, wear suitable respiratory protective equipment. Maintain good hygiene standards and wash soiled clothing regularly. Respiratory protection: In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment (eg dust mask or respirator with particulate filter) that complies with EN149:2001. It is good practice to conduct fit-testing when selecting respiratory protective equipment. Hand protection: No specific hazard. Eye protection: Wear safety goggles or safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries. Skin protection: No specific hazard.
8.2.3	Environmental exposure controls Avoid wind dispersal.

Material Safety Data Sheet – Soluform Sandbags

In compliance with Regulation (EC) 1907/2006 & amendment
Regulation (EC) 2020/878, and Regulation (EC) 1272/2008 (CLP)

Revision date 17.05.2024

Version 01

9	PHYSICAL AND CHEMICAL PROPERTIES	
9.1	General information	
	Appearance: Solid, granular, in various colours (from white to brown)	
	Odour: Odourless	
9.2	Important health, safety and environmental information	
	Density:	2.65g/cm ³
	Grain Shape:	Sub-angular
	Particle size range:	See technical data sheet
	pH:	See technical data sheet
	Water solubility:	Negligible
	Solubility in hydrofluoric acid:	Yes
	Boiling point/boiling range:	Not applicable
	Flash point:	Not applicable
	Flammability (solid, gas):	Not applicable
	Explosive properties:	Not applicable
	Oxidising properties:	Not applicable
	Vapour pressure:	Not applicable
	Relative density:	Not applicable
	Partition coefficient:	n-octanol/water Not applicable
	Viscosity:	Not applicable
	Vapour density:	Not applicable
	Evaporation rate:	Not applicable
9.3	Other information	
	Melting point:	1610°C
10	STABILITY AND REACTIVITY	
10.1	Conditions to avoid	
	No particular incompatibility	
10.2	Materials to avoid	
	No particular incompatibility	
10.3	Hazardous decomposition products	
	Chemically stable	
11	TOXICOLOGICAL INFORMATION	
	a) Acute toxicity. Based on available data, classification criteria not met	
	b) Skin corrosion/irritation. Based on available data, classification criteria not met	
	c) Serious eye damage irritation: Based on available data, classification criteria not met	
	d) Respiratory or skin sensitisation: Based on available data, classification criteria not met	
	e) Germ Cell mutagenicity: Based on available data, classification criteria not met	
	f) Carcinogenicity: Based on available data, classification criteria not met	
	g) Reproductive toxicity: Based on available data, classification criteria not met	
	h) STOT-single exposure: Based on available data, classification criteria not met	
	i) STOT-repeated exposure: Based on available data, classification criteria not met	
	j) Aspiration hazard: Based on available data, classification criteria not met	
12	ECOLOGICAL INFORMATION	
	12.1 Toxicity	Not relevant
	12.2 Persistence and degradability	Not relevant
	12.3 Bioaccumulation potential	Not relevant
	12.4 Mobility in soil	Negligible
	12.5 Results of PBT and vPvB assess	Not relevant
	12.6 Other adverse effects	No specific adverse effects known

Material Safety Data Sheet – Soluform Sandbags

In compliance with Regulation (EC) 1907/2006 & amendment
Regulation (EC) 2020/878, and Regulation (EC) 1272/2008 (CLP)

Revision date 17.05.2024

Version 01

13 DISPOSAL CONSIDERATIONS

Waste from residues/unused products:

Can be landfilled in compliance with local regulations. The material should be buried to prevent dust being picked up by the wind. Where possible, recycling is preferable to disposal.

Packaging:

No specific requirements. Recycling and disposal of packaging should be carried out by an authorised waste management company. Re-use of packaging is not recommended.

14 TRANSPORT INFORMATION

No special precautions are required under regulations relating to the transportation of dangerous goods.

14.1	UN Number	Not relevant
14.2	UN Shipping name	Not relevant
14.3	Transport Hazard class	ADR: Not classified IMDG: Not classified ICAO/IATA: Not Classified RID: Not classified
14.4	Packing Group	Not relevant
14.5	Environmental Hazards	Not relevant
14.6	Special precautions for user	No special precautions
14.7	Transport in bulk according to Annex II of MARPOL 73/78 And the IBC code	Not relevant

15 REGULATORY INFORMATION

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

National legislation/requirements
International legislation/requirements
Regulation (EC) No 2037/2000 Not relevant
Regulation (EC) No 850/2004 Not relevant
Regulation (EC) No 689/2008 Not relevant

15.2 Chemical safety assessment

This product is exempted from REACH in accordance with Annex V.7 of Regulation (EC) 1907/2006

Material Safety Data Sheet - Soluform

In compliance with Regulation (EC) 1907/2006 & amendment
Regulation (EC) 2020/878, and Regulation (EC) 1272/2008 (CLP)

Revision date 17.05.2024

Version 01

16 OTHER INFORMATION

(i) Indication of changes

Changes have been made to comply with regulations
n/a

(ii) Abbreviations and acronyms

EC: European Commission
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals and
Substances
TWA: Time Weighted Average
STOT: Specific Target Organ Toxicity
PBT: Persistent, Bioaccumulative, Toxic
vPvB: very Persistent and very Bioaccumulating

(iii) Key literature references and sources for data

EH40/2005 Workplace exposure limits (Third Edition, 2018)
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 68 Silica (1997)

**(iv) Classification and procedure used to derive the classification for mixtures according to
Regulation (EC) 1272/2008 [CLP]**

n/a

(v) Relevant H-statements (number and full text)

n/a

(vi) Training advice

All employees should be given adequate training in the proper use and handling of this product and any precautions and protective equipment required under applicable regulations.

(vii) Further information

EH44/1997 - Dust: General Principles of Protection.
EH75/4 (2002) - Respirable Crystalline Silica - Phase 1.
EH75/5 (2003) - Respirable Crystalline Silica - Phase 2.
HSG258 – Controlling airborne contaminants at work

Material Safety Data Sheet - Soluform

In compliance with Regulation (EC) 1907/2006 & amendment
Regulation (EC) 2020/878, and Regulation (EC) 1272/2008 (CLP)

Revision date 17.05.2024

Version 01

Legal Notice

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his/her own particular use.

The information in this Safety Data Sheet was believed to be correct at the time of issue. However, no warranty is made or implied as to the accuracy or completeness of this information.

If you have purchased this product for supply to a third party for use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and any of the precautions which should be taken.

This Safety Data Sheet does not constitute the user's own assessment of workplace risk, and it is the user's sole responsibility to take all necessary precautions when using this product.

Health and safety advice, which must be followed, can be found on the appropriate product Material Safety Data Sheet.