



Safety Data Sheet according to Regulation (EC) No 1907/2006

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

Product name: GLASS GRIT
Contains: Soda-Lime Glass
Intended Use: Blast cleaning abrasive, Surface treatment & peening.
Supplier: Guyson International Ltd.
Snaygill Industrial Estate,
Skipton, North Yorkshire.
BD23 2QR
Tel: +44 (0)1756 799911
E-mail: info@guyson.co.uk
Emergency contact number: +44 (0)1756 799911

2. HAZARDS IDENTIFICATION

Eye and skin contact	May cause irritation.		Signal word – irritant.
Inhalation	May cause irritation.		Signal word – irritant.
Ingestion	Rinse mouth, Do NOT induce vomiting.		
Chronic hazards	No known hazards.		
Hazardous uses / misuses	Not known.		

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description – Soda-Lime Glass Grit

CAS-Number	65997-17-3	EINECS-Number	266-046-0
ITEM	CONTENT (%)	CAS NO.	EINECS NO.
SiO ₂	68 - 75	7699-41-4	231-716-3
Na ₂ O	15	1310-73-2	
CaO	10	1305-78-8	215-138-9
MgO	5	1309-48-4	215-171-9
Al ₂ O ₃	0 – 2.5	1344-28-1	215-691-6

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Note: This product is not classified as dangerous according to CLP Regulation (EC) Number 1272/2008

4. FIRST AID MEASURES

Eye contact	P280: Flush eyes immediately. Eye wash station should be available.
Skin contact	P264: Rinse skin with water
Inhalation	P261: Remove person to fresh air. Contact physician if problems persist.

5. FIRE FIGHTING MEASURES

Extinguishing media	Adapt extinguishing measures to environment.
Unsuitable extinguishing media	None known.
Unusual fire & explosive hazards	Product itself does not burn.
Specific hazards	None known.
Information on fire and explosion protection	No special fire protection measures are necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	P261: Do not breathe dust. P280: Avoid contact with eyes. P261: Use in well ventilated areas. See Section 8 for personal protection.
Environmental protection	No known hazard to aquatic life.
Spill clean-up methods	Vacuum excess material or sweep up avoiding the creation of dust. Product can be extremely slippery when on surfaces.

7. HANDLING AND STORAGE

Handling	Handle in normal manner and be mindful of manual handling methods (weights), keep dust formation to a minimum and avoid eye & skin contact. See section 8 for personal protection
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Storage

Store in a closed container in a dry well ventilated area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Measures:

Preferred methods of use are either in a blast cabinet with a dust collector or in a closed-circuit blasting system.



If a blast room is used it must have a dust extraction system to keep dust levels below the occupational exposure limits.

Occupational Exposure Limits

Formula	CONTENT (%)	CAS NO.	EINECS NO.	Inhalable	Respirable
SiO ₂	75	7699-41-4	231-716-3	6 mg/m ³	2.4 mg/m ³
Na ₂ O	15	1310-73-2		-	-
CaO	10	1305-78-8	215-138-9	-	-
MgO	5	1309-48-4	215-171-9	-	-
Al ₂ O ₃	0 – 2.5	1344-28-1	215-691-6	10 mg/m ³	4 mg/m ³

Industrial hygiene

Wash hands before breaks and at end of work.

Personal Protective Equipment

Blast cabinet



Hand protection

Gloves - appropriate gauntlets

Eye protection

Safety glasses or tight-fitting protective goggles. EN 166

Respiratory equipment

Normally, no personal respiratory protection is necessary. A breathing mask is to be worn when handling dust or cleaning out the system. (FFP2 or FFP3)

Body protection

With normal use body protection by half or full-body coverall and boots is required.

Personal Protective Equipment

Blast Room



Blasting operatives should wear a CE marked approved blasting helmet.

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Operatives should always wear appropriate gauntlets.

Operatives should wear a purpose designed blasters' suit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid spherical, clear / white.
Odour	Odourless.
Softening point (°C)	~ 730°C
Melting point (°C)	~ 800°C
Specific gravity	~ 2.6g/cm ³
Hardness	~ 5 Mohs

10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to avoid	Dissolves in Hydrofluoric acid and reacts to concentrated alkali.
Incompatible materials	None

11. TOXICOLOGICAL INFORMATION

Acute toxicity	There are no known reports of carcinogenicity of non-fibrous glass. Non-fibrous glass is not listed by IARC, NTP or OSHA as a carcinogen.
Sub chronic and chronic	There are no known reports of sub chronic toxicity of non-fibrous glass.

12. ECOLOGICAL INFORMATION

No ecological hazards are reported to be associated with this product.

13. DISPOSAL CONSIDERATIONS

The abrasive must be disposed of in accordance with national legislation and local regulations.

The material as supplied is classed as a non-hazardous inert solid waste.



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The waste producer must determine if hazardous substances in the coating being removed are likely to cause the waste to be hazardous.

14. TRANSPORT INFORMATION

Land Transport (ADR/RID)	Not classified according to Transport Regulations for Hazardous/Dangerous Goods
Marine Transport (IMO/IMD)	Not classified according to Transport Regulations for Hazardous/Dangerous Goods
Air Transport	Not classified according to Transport Regulations for Hazardous/Dangerous Goods

15. REGULARITY INFORMATION

Cautionary label phases	Not applicable.
National regulations	Not applicable.

16. OTHER INFORMATION

Disclaimer

It remains the users own responsibility to ensure that the information contained is appropriate for the use of this product.

The information contained herein is to the best of our knowledge accurate, however, as circumstances and conditions in which it may be used are beyond our control, we do not accept liability for any loss or damage, however arising, which results directly or indirectly from the use of such information.