



Section 1. Product and Company Identification.

1.1 Model Number; BGT25KG v1
1.2 Description; Shot Blasting Grit 25kg Plastic Tub

1.3 Manufacturer;

Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 28/11/2016

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Not classified as hazardous.

2.2 Label elements.

Not applicable to Product stated in 1.1 with Description stated in 1.2

2.3 Other hazards.

Not relevant



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements ¹
Iron Oxide FeO	-	40 - 50 %	-	-
Silica Oxide SiO ₂	-	27 - 30 %	-	-
Zinc Oxide ZnO	1314-13-2	0.5 - 1.5 %	Aquatic Acute 1 Aquatic Chronic 1	H400 H410
Magnesium Oxide MgO	-	0.2 - 1.5 %	-	-
Sulphur S	-	0.2 - 0.7 %	-	-
Lead Oxide PbO	-	0.1- 0.3 %	-	-
Aluminium Oxide Al ₂ O ₃	-	0 - 4.5 %	-	-
Calcium Oxide CaO	-	0 - 2.5 %	-	-
Copper Oxide CuO	1317-39-1	0 - 1.0 %	Acute Tox. 4 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H332 H318 H400 H410
Nickel Oxide NiO	11099-02-8	20 - 250 grams per tonne	Carc. 1A STOT RE 1 Skin Sens. 1 Aquatic Chronic 4	H350 H372 H317 H413

¹For full text of Phrases and Statements, see Section 16.



Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

If skin irritation occurs: Get medical advice/attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. Do NOT induce vomiting.

Get medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Water

5.2. Special hazards arising from the substance or mixture

Not relevant.

5.3. Advice for fire-fighters

Not relevant.



Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate PPE (Personal Protective Equipment) particularly if the material is powder form and dry.

6.2. Environmental precautions

No information available.

6.3. Methods and material for containment and cleaning up

Product can be swept up dry or wet.

6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling

Avoid breathing dust.

Avoid spillage whilst handling.

Manual Handling Operations Regulations apply to the handling of bags.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place.

7.3. Specific end use(s)

Intended for use as Shot Blasting Grit for the Model Number identified in 1.1 with Description stated in 1.2.



Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in processes in which this product is used

Persons with a history of skin sensitisation problems should not be employed in processes in which this product is used

8.2. Exposure controls

Appropriate Engineering Controls

Ensure adequate ventilation.

Eye/Face Protection

Impact resistant tight fitting goggles.

Skin Protection

Abrasion resistant nitrile gloves.

Overalls.

Respiratory Protection

Total dust. less than 10 mg per cubic metre: 8h TWA

Respirable dust. Less than 4 mg per cubic metre: 8h TWA

Protection must be selected in accordance with the application of the product.



Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Solid, angular black granules.
(b) Odour:	None.
(c) Odour threshold;	Not relevant.
(d) pH:	No data available.
(e) Melting point/freezing point;	Not relevant.
(f) Initial boiling point and boiling range;	Not relevant.
(g) Flash point;	None.
(h) Evaporation rate;	Not relevant.
(i) Flammability (solid, gas);	Not relevant.
(j) Upper/lower flammability or explosive limits;	Not relevant.
(k) Vapour pressure;	Not relevant.
(l) Vapour density;	Not relevant.
(m) Relative density;	Specific gravity 3.7
(n) Solubility(ies);	Insoluble.
(o) Partition coefficient: n-octanol/water;	Not relevant.
(p) Auto-ignition temperature;	Not relevant.
(q) Decomposition temperature;	No data available.
(r) Viscosity;	Not relevant.
(s) Explosive properties;	None.
(t) Oxidising properties.	Not relevant.

9.2 Other information

Density	1800 kg / m ³
Hardness	7 – 8 Mohs
Chloride content	less than 25 ppm

Section 10. Stability and Reactivity.

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	No data available.
10.5. Incompatible materials	No data available.
10.6. Hazardous decomposition products	No data available.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

No data available.



Section 12. Ecological Information.

No data available.

Section 13. Disposal Considerations.

13.1. Waste treatment methods

Dispose of contaminated waste in accordance with local authority regulations.

Do not dispose of contaminated waste with household waste.

Do not dispose of contaminated waste at landfill sites.

Section 14. Transport Information.

Not hazardous for transport.

Section 15. Regulatory Information.

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

No data available.

15.2. Chemical safety assessment

No data available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H350 May cause cancer.

H372 Causes damage to organs through prolonged or repeated exposure

H413 May cause long lasting harmful effects to aquatic life.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	21/09/09	First issue.
2	14/06/16	Sections 2, 3 and 8.
3	28/11/19	Sections 2, 3 and 9.2

End of Safety Data Sheet.