



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; 1 June 2009

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Not classified as hazardous.

2.2 Label elements.

Hazard statements;

H315 Causes skin irritation.

H372 Causes damage to eyes through prolonged or repeated exposure.

Precautionary statements;

P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P303 + P361 + P353 IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P402 Store in a dry place.

2.3 Other hazards.

Not relevant.



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration	Classification	
			Hazard Class & Category Code	Hazard Statements
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 N; R50-53	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 Aquatic Acute 1 Aquatic Chronic 1 Xn; R22 N; R50-53	H302 H400 H410
Nickel Oxide NiO	-	20 - 250 g/t	-	-

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



Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

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

Skin Contact

IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation occurs: Get medical advice/attention.

Eye Contact

IF IN EYES: 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

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

No information available.

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

No information 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: 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 only be employed in processes in which this product is used under supervision.

Persons with a history of skin sensitisation problems should only be employed in processes in which this product is used under appropriate medical supervision.

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 information 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 information available.
(r) Viscosity;	Not relevant.
(s) Explosive properties;	None.
(t) Oxidising properties.	Not relevant.

9.2 Other information

Density	1300 kg / m ³
Hardness	7 – 8 Mohs
Chloride content	less than 25 ppm



Section 10. Stability and Reactivity.

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

Section 11. Toxicological Information.

11.1. Information on toxicological effects
No information available.

Section 12. Ecological Information.

12.1. Toxicity	No information available.
12.2. Persistence and degradability	No information available.
12.3. Bioaccumulative potential	No information available.
12.4. Mobility in soil	No information available.
12.5. Results of PBT and vPvB assessment	No information available.
12.6. Other adverse effects	No information 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 information available.

15.2. Chemical safety assessment
No information available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H302 Harmful if swallowed.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

R22 Harmful if swallowed.

R50 Very toxic to aquatic organisms.

R53 May cause long-term adverse effects in the aquatic environment.

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.

End of Safety Data Sheet.