



Section 1. Product and Company Identification.

1.1 Model Number; ASM5KG v1/ASM25KG v1
1.2 Description; Aluminium Silicate Blasting Media 0.20mm-0.50mm

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; 10/01/2024

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 1.2

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 ¹
Silica Oxide	-	48-54%	-	-
Aluminium Oxide	1344-28-1	24-30%	-	-
Iron Oxide	1309-38-2	7-12%	-	-
Calcium Oxide	-	4-12%	-	-
Potassium Oxide	-	2-5%	-	-

¹For full text of Statements, see Section 16.



Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Skin Contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner.

Eye Contact

Eye wash with plenty of water. If irritation persists, consult physician.

Ingestion

Mouth rinse and give water to drink.

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.

Product can be swept up dry or wet. Personnel should use appropriate personal protective equipment particularly if material is in powder form and dry.

6.2. Environmental precautions.

Not relevant.

6.3. Methods and material for containment and cleaning up.

Not relevant.

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 and spillage whilst handling.

The Manual Handling Operations Regulations may apply to the handling of bags when carrying out assessments.

7.2. Conditions for safe storage, including any incompatibilities.

The storage and use of this product is not subject to any requirements, but it should be kept dry where this is important for further process use.

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

Eye protection designed to protect against exposure, which should be an EC approved helmet in blasting operations.

Skin Protection

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed, and the skin washed with soap and water or a proprietary skin cleaner.

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-pale grey 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 2.6
(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.	1300 kg m ³
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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

Acute Toxicity	No data available.
Irritancy - Eyes	Splashes in the eye may cause irritation and irreversible local damage.
Irritancy – Skin	Repeated or prolonged contact with the product may lead to skin irritation.
Sub-acute/Subchronic Toxicity	No data available.
Chronic Toxicity/Carcinogenicity	Appropriate protective measures and good hygiene practices should be followed.
Toxicity	No data available.
Human Data	Inhalation over long periods of time may constitute a health hazard.
Additional Data	None.



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;

Not relevant.

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	10/01/2024	First issue.

End of Safety Data Sheet.