

SG10/SAND6 SHOT BLASTING GRIT

1. SUPPLIER

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2. APPLICATION

These grits are suitable for both workshop, hand-held and recirculating shot blasters and comply with COSHH SI-1657-1988. Not suitable for use in shot blasting cabinets.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Chemical composition:

Iron Oxide (FeO)	8 - 12%
Silica (SiO ₂)	48 - 51%
Aluminium Oxide (Al ₂ O ₃)	28 - 34%
Calcium Oxide (CaO)	2 - 5%
Potassium Oxide (K ₂ O)	3 - 5%

4. HAZARD IDENTIFICATION

Eyes and throat can become irritated when exposed to too high concentrations. There are no significant immediate health, physical or environmental hazards.

5. FIRST AID MEASURES

Inhalation:	Remove to fresh air.
Skin:	Wash with water and soap.
Eye:	Wash with plenty of water. If irritation persists, consult physician.
Ingestion:	No danger known.
Advice to physician:	No specific advice. Treat according to symptoms present.

6. FIRE-FIGHTING MEASURES

Not applicable.

7. ACCIDENTAL RELEASE MEASURES

Personal Protection:	Wear recommended personal protective equipment.
Procedure for cleaning and recollection:	Sweep up with a minimum of dusting. Collection in container, e.g mini bulk bag or drum.

8. HANDLING AND STORAGE

Handling:	Avoid breathing dust. Avoid spillage which can cause slippery floors. Use good personal hygiene and housekeeping.
Storage recommendations:	Keep material in a dry warehouse.
Storage class:	Not applicable.

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	Use adequate ventilation if dusty conditions prevail when handling the product. For storage and ordinary handling, general ventilation is adequate.
Respiratory protection:	Blasting operators should use a CE marked or HSE approved shotblasting helmet, Ancillary workers should use a P2 dust respirator.
Skin protection:	Protective garments
Eye protection:	Shotblasting Helmets as above or goggles.

10. PHYSICAL & CHEMICAL PROPERTIES**Appearance:**

Physical state: Solid, angular granules
Colour: Black, glassy
Odour: None

Safety relevant data:

Lower explosion limit: Not applicable
Upper explosion limit: Not applicable
Specific weight: 2.5-2.6g/cm³
Bulk density: 1.3g/cm³
Hardness: 7-8 mohs
Solubility in water: Not applicable

11. STABILITY & REACTIVITY

Stable under normal conditions.

12. TOXICOLOGICAL INFORMATION

Immediate (acute) effect: Not applicable

Delayed (subchronic and chronic) effects: Not applicable

Other data: Dust in concentration, above the maximum recommended concentrations, may cause irritation of eyes and throat.

13. ECOLOGICAL INFORMATION

Not applicable

14. DISPOSAL CONSIDERATIONS

Discard as non-hazardous inert solid waste according to applicable local regulations. Special disposal procedures may apply to spent abrasive which may contain other materials derived from the substrate being cleaned.

15. TRANSPORT INFORMATION**Land transport:**

ADR Not regulated
GGVS Not regulated
RID Not regulated
GGVE Not regulated

Identification of the product:

Danger Number: UN nr:

River/canal transport:

ADNR Not regulated

Sea transport:

IMDG/GGVSea-code
Ems MFAG Not regulated

Air transport:

ICAO/IATA-DGR Not regulated

Other information:

May be sent by mail

16. REGULATORY INFORMATION

Danger symbols: Not applicable

National regulations: Not applicable

17. OTHER INFORMATION

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