

**Sandmaster AG**

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VAT No. 109 339

**Material Safety Data Sheet in compliance with regulation (EC) No. 1907/2006**

Revised edition No. 2  
Date 01/10/2009  
Supersedes 16/12/2005

**1. Identification of the substance/ preparation and of the company/ undertaking**

Identification of the product	Corindon AMAXICOR® brown/ AMAX
Company identification	Sandmaster AG Mühlethalstrasse 67 4800 Zofingen Switzerland Phone +41 62 746 92 02 Telefax +41 62 746 92 05 info@sandmaster-technology.com
Recommended uses (in the absence of specific contrary regulations)	Industrial

**2. Hazards identification****Classification**

Not regulated

**Main hazards**

However, please note the information contained in this safety data sheet.  
There is no danger of silicosis when using this product.

**Specific hazards**

Respirable dust

**3. Composition/ information on ingredients****Composition**

This product contains no hazardous components.

Substance name	Contents	CAS No.	EC No.
Aluminium oxide Al <sub>2</sub> O <sub>3</sub>	> 95 %	1344-28-1	215-691-6
Titanium dioxide	> 2.4 > 3.5 %	13463-67-7	236-675-5

**Other information**

See analysis data sheet for further information

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**4. First-aid measures****First aid measures**

In case of problems, consult a doctor.

**Inhalation**

Move to fresh air. Consult a doctor in case of irritation of the respiratory tracts.

**Skin contact**

Wash with water and rinse.

**Eye contact**

Remove the contact lenses. Wash open eyes immediately with plenty of water (for at least 10 minutes), seek advice of an ophthalmologist.

**Ingestion**

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Get medical advice/ attention if you feel unwell.

**Note to physician**

No data available

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**5. Fire- fighting measures****Extinguishing media**

- **Suitable extinguishing media**  
Product does not burn. Fire extinguishing method of surrounding areas must be discussed.
- **Unsuitable extinguishing media**  
None known

**Protection against fire**

None known

**Other information**

None known

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**6. Accidental release measures****Personal protection**

Avoid dust formation. Consult the safety measures listed under headings 7 and 8.

**Environmental precautions**

Non known

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**Clean up methods**

Pick up mechanically. Comply with local regulations for disposal.

**Other information**

None known

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**7. Handling and storage****Storage**

Store in a dry place.

Requirements for storage areas and containers: No special requirements.

**Handling**

Avoid dust formation.

Advice on protection against fire and explosion: No special protective measures against fire required.

Additional advice: None known.

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**8. Exposure control/ personal protection****Personal protection**

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

**- Respiratory protection**

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation or exceeding of the workplace exposure limits a protective breathing mask must be worn.

**- Hand protection**

Material of gloves: Leather

**- Skin protection**

Protective clothing not absolutely necessary.

**- Eye protection**

Wear tight fitting safety glasses (EN 166:2001).

**Environmental exposure controls**

See heading 6. See heading 7. No particular measures required.

**Industrial hygiene**

No eating, drinking, smoking, or snuffing tobacco at work.

Avoid contact with skin, eyes and clothing. Remove immediately soaked or soiled clothing. Wash hands before breaks and at the end of work.

Use of skin protective barrier cream advised.

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**Occupational exposure limits**

Warning!

Observe national regulations. Inhalable dust.

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**9. Physical and chemical properties**

<b>Physical state</b>	Solid
<b>Colour</b>	Brown
<b>Odour</b>	Odourless
<b>pH value</b>	Not applicable
<b>Melting point (°C)</b>	~ 2000
<b>Boiling point (°C)</b>	This product is not flammable
<b>Density</b>	~ 3,9 - 4,1 g/cm <sup>3</sup>
<b>Vapour pressure</b>	Not relevant
<b>Solubility in water</b>	Insoluble
<b>Flash point (°C)</b>	Not applicable
<b>Explosive properties</b>	Product is not explosive. However, formation of explosive air/ dust mixtures is possible
<b>Ignition temperature (°C)</b>	Not applicable. This product is not flammable
<b>Explosion limits – lower</b>	None known (Alumina oxyde)
<b>Explosion limits – upper</b>	None known (Alumina oxyde)

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**10. Stability and reactivity**

<b>Materials to avoid</b>	None (in case of appropriate use)
<b>Conditions to avoid</b>	None (in case of appropriate use)
<b>Hazardous decomposition products</b>	None (in case of appropriate use)

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**11. Toxicological information**

<b>On product</b>	Not carcinogenic. Not toxic. Not silicogenic.
<b>Toxicity information</b>	Alumina oxyde is not known for toxicity. CMR: The carcinogenic effect is not demonstrated in humans. No known CMR properties. Experiences: No data available.
<b>Acute toxicity</b>	No data available
<b>Rat oral LD50 (mg/kg)</b>	> 5000 (Alumina oxyde)
<b>Sensitization</b>	No data available

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**12. Ecological information****Ecotoxicity**

No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

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**Aquatic toxicity**

Fish toxicity: No known harmful effects.

Aquatic invertebrates: No known harmful effects.

Aquatic plants: No known harmful effects.

**Persistence and degradability**

Inert product. Degradable.

**Bioaccumulative potential**

No data available. A concentration in organic material is rather improbable since it is inert and insoluble.

**WGK class (Germany)**

0

**Mobility**

Material insoluble in water.

**Other information**

Results of PBT assessment: The substance is not considered to be a PBT/vPvB substance.

Other adverse effects: No known harmful effects.

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**13. Disposal considerations****Disposal**

- Alumina oxyde  
Dispose in a safe manner in accordance with local/ national regulations.  
European Waste Catalogue (EWC): 12 01 17 waste blasting material other than those mentioned in 12 01 16.
- Packaging  
Cleaned packaging can be used again or be recycled.

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**14. Transport information**

<b>ADR/RID</b>	Not hazardous for transport
<b>IMDG/GGV Sea</b>	Not hazardous for transport
<b>ICAO-TI/IATA-DGR</b>	Not hazardous for transport

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**15. Regulatory information****EC Labelling**

Not regulated

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**- Symbol(s)**

None

**- R Phrase(s)**

None

**- S Phrase(s)**

S22 Do not breathe dust

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37/39 Wear suitable gloves and eye/ face protection

**Labelling**

The product is not subjected to labelling according to the directives

**Other**

Chemical safety assessment: A chemical safety assessment for substances in this product was not performed.

Volatile organic compounds (VOC): Not relevant

Observe national regulations

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**16. Further information**

We draw the attention of users on the fact that the product must be completely dry (no humidity) during use.

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