

KaVo RONDOflex POWDERS

Safety Data Sheet

according to WHMIS

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1. Identification

Product identifier

KaVo RONDOflex POWDERS

Product code:

1.000.5954
1.000.5955
1.000.5956
1.000.5957

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Cleaning agent,

Details of the supplier of the safety data sheet

Company name:	Kaltenbach & Voigt GmbH	
Street:	Bismarckring 39	
Place:	D-88400 Biberach	
Telephone:	+49 (0) 7351 56 0	Telefax: + 49 (0) 7351 56 1488
e-mail:	sdb@kavo.com	
e-mail (Contact person):	support@gefahrstoff.com	
Internet:	http://www.kavo.com/	
Responsible Department:	Questions concerning SDB: PES-Ingenieurgesellschaft mbH	

Emergency telephone number: +49 (0) 7351 56 4000 (24 h)

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015

This mixture is not classified as hazardous in accordance with WHMIS 2015.

Label elements

Other hazards

Inhalation of dust may cause irritation of the respiratory system.
particulates and dust: Irritating to eyes and skin.

3. Composition/information on ingredients

Mixtures

Chemical characterization

Contains:
aluminium oxide, corundum CAS No. 1344-28-1

Sum formula: AL₂ O₃

Molecular weight: 102

4. First-aid measures

Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.

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After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Specific hazards arising from the hazardous product

Hazardous decomposition products: No data available

Special protective equipment and precautions for fire-fighters

Non-flammable.

In case of fire: Wear self-contained breathing apparatus.

In case of fire and/or explosion do not breathe fumes.

Additional information

Avoid dust formation. Fight fire with normal precautions from a reasonable distance.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ventilate affected area. Personal protection equipment: see section 8. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Avoid dust formation. Do not breathe dust.

Environmental precautions

Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.

Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Avoid dust formation. Do not breathe dust.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Further information on handling

When using do not eat, drink or smoke. Wash hands before breaks and after work.

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Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place. Keep/Store only in original container.

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Ensure adequate ventilation of the storage area.

8. Exposure controls/Personal protection

Control parameters

Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m ³	F/ml	Category	Origin
-	Aluminum insoluble compounds (respirable fraction)		1		TWA (8 h)	ACGIH-2018

Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Avoid contact with eyes. Do not breathe dust.

Eye/face protection

Wear eye protection/face protection.

Hand protection

Wear suitable gloves.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Avoid release to the environment. Do not allow to enter into surface water or drains.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid (Powder)
Colour:	white
Odour:	odourless

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pH-Value: not determined

Changes in the physical state

Melting point: 2050 °C

Initial boiling point and boiling range: 2920-3040 °C

Flash point: not applicable

Flammability

Solid: not determined

Gas: not applicable

Explosive properties

not explosive.

Lower explosive limits: not determined

Upper explosive limits: not determined

Ignition temperature: not determined

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure:
(at 20 °C) 0 hPa

Density (at 20 °C): 3,9 g/cm³

Water solubility: practically insoluble

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: not applicable

Viscosity / kinematic: not applicable

Vapour density: not determined

Evaporation rate: not determined

Other information

Odour threshold: not determined

10. Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

Avoid dust formation.

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Incompatible materials

No information available.

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Name of toxicologically synergistic products

No data available

12. Ecological information

Ecotoxicity

The product is not: Ecotoxic

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects

No information available.

Further information

Avoid release to the environment.

13. Disposal considerations

Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation. Do not empty into drains.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.

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14. Transport information

Canadian TDG

Proper shipping name: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN number: No dangerous good in sense of this transport regulation.

United Nations proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number: No dangerous good in sense of this transport regulation.

United Nations proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

15. Regulatory information

Canadian regulations

DSL/NDSL inventory status

aluminium oxide, corundum CAS No. 1344-28-1: Yes.

National Pollutant Release Inventory (NPRI)

aluminium oxide, corundum CAS No. 1344-28-1: Yes.

16. Other information

Abbreviations and acronyms

IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
DSL: Domestic Substances List
NDSL: Non-domestic substances list
NPRI: National Pollutant Release Inventory
TDG: Transportation of Dangerous Goods
WHMIS: Workplace Hazardous Materials Information System

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not

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necessarily valid for the new made-up material.
