

# KaVo RONDOflex POWDERS

## Safety Data Sheet

according to WHMIS

Page 1 of 7

### 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:	<a href="http://www.kavo.com/">http://www.kavo.com/</a>	
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: AL<sub>2</sub> O<sub>3</sub>

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.

# KaVo RONDOflex POWDERS

## Safety Data Sheet

according to WHMIS

Page 2 of 7

### **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.

# KaVo RONDOflex POWDERS

## Safety Data Sheet

according to WHMIS

Page 3 of 7

### 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 <sup>3</sup>	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

# KaVo RONDOflex POWDERS

## Safety Data Sheet

according to WHMIS

Page 4 of 7

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/cm<sup>3</sup>

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.

# KaVo RONDOflex POWDERS

## Safety Data Sheet

according to WHMIS

Page 5 of 7

### **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.

# KaVo RONDOflex POWDERS

## Safety Data Sheet

according to WHMIS

Page 6 of 7

### 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

# KaVo RONDOflex POWDERS

## Safety Data Sheet



according to WHMIS

Page 7 of 7

necessarily valid for the new made-up material.

---