

Date of Print:

Date of last Alteration: 19.05.2021 - Version 1.0 : English

Product Name, Art.-No.: **Adhesive powder** Art.No.: 7700

1. Identification of the substance / mixture and of the company / undertaking

- 1.1 Product identifier: Aluminium oxid
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Relevant identified uses Filler, Personal Care, Health Care
- 1.3 Details of the supplier of the safety data sheet
- Company name: Kohdent Roland Kohler Medizintechnik GmbH & Co. KG
 Street: Bodenseeallee 14-16
 Place: D-78333 Stockach
 Telephone: +49 7771 / 64999-0
 Telefax: +49 7771 / 64999-50
 E-Mail: info@kohler-medizintechnik.de
 Internet: www.kohler-medizintechnik.de
- 1.4 Emergency telephone number: +49 7771 / 64999-0
 This number is obtainable during office hours
 (Mo.- Do 7.00 – 17.30, Fr. 7.00 – 12.30)
- +49 228 19240 (24 hour)
 Poison information centre, D-53113 Bonn

2. Hazards identification

- 2.1 Classification of the substance or mixture Not classified as hazardous
- 2.2 Label elements Not classified as hazardous
- 2.3 Other hazards Not classified as hazardous.

3. Composition / information on ingredients / Chemical characterization

- 3.1 Substances
- | | |
|-----------------------|--|
| Chemical name: | Aluminium oxide Al ₂ O ₃ |
| N°EINEC: | 215-691-6 |
| N°CAS: | 1344-28-1 |
| Molecular weight : | 101.96 g/mol |
| Hazardous component : | none |
| Impurities : | none |
| Further information : | none |
- 3.2 Mixtures ./.

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4. First aid measures

4.1 Description of first aid measures

Following inhalation:	Remove from exposure
Following skin contact:	Wash skin with soap and water
Following eye contact:	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eyes open

4.2 Most important symptoms and effects, both acute and delayed ./.

4.3 Indication of any immediate medical attention and special treatment needed ./.

5. Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media Not combustible. Select extinguishing agent appropriate to other materials involved.

5.2 Special hazards arising from the substance or mixture ./.

5.3 Advice for firefighters ./.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Wear appropriate protective clothing. Avoid creating dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.

6.2 Environment precautions ./.

6.3 Methods and material for containment and cleaning up ./.

6.4 Reference to other sections ./.

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7 Handling and storage

- 7.1 Precautions for safe handling Avoid inhaling
Use in well-ventilated area
Use local exhaust ventilation if conditions are dusty
- 7.2 Conditions for safe storage,
Including any incompatibilities Storage area should be well ventilated, assistance
- 7.3 Specific end use(s) ./.

8 Exposure controls / personal protection

- 8.1 Technical protective measures : not applicable
- 8.2 Controls parameters: not applicable
- 8.3 Individual protection measures (personal protective equipment)
- Respiratory protection: Dust protection
- Hand protection: Gloves made in pvc are recommended
- Eyes protection: None
- Hygienic measures: Avoid contact with skin. Do not inhale dust.

9. Physical and chemical properties

- 9.1 General information
- Form: Powder
Color: white
Odor: none
PH value: 8-9
- 9.2 Thermal decomposition : not applicable
9.3 Flash point: not applicable
9.4 Boiling point: not applicable
9.5 Ignition temperature : not applicable
9.6 Explosion limits: not applicable
9.7 Danger of explosion : product does not present an explosion hazard
9.8 Vapour pressure : not applicable
9.9 Vapour density : not applicable
9.10 Density : 3,8 g/cm³
9.11 Solubility in water : insoluble
9.12 Viscosity: not applicable

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Product Name, Art.-No.: **Adhesive powder** Art.No.: 7700**10 Stability and reactivity**

- | | | |
|------|---------------------------------|--|
| 10.1 | <u>Stability</u> | Not thermal decomposition, melting point at 2050°C |
| 10.2 | <u>Conditions to be avoided</u> | not applicable |
| 10.3 | <u>Materials to be avoided</u> | not applicable |
| 10.4 | <u>Hazardous decomposition</u> | none |

11 Toxicological information / information on toxicological effects

- | | | |
|------|------------------------|--|
| 11.1 | <u>Acute toxicity</u> | Alumina is considered to be an inert material and non-toxic. |
| 11.2 | <u>Specific effect</u> | none |

12 Ecological information

- | | | |
|------|----------------------------------|---|
| 12.1 | <u>Mobility</u> | No disturbance in waste water treating plants |
| 12.2 | <u>Persistence/degradability</u> | Deposition as refuse causes no problems, especially with regard to ground water pollution since alumina is insoluble and non-toxic. |

13 Disposal considerations

- | | | |
|------|----------------------------|---|
| 13.1 | <u>Product disposal</u> | Landfill. Dispose of in accordance with all applicable local and national regulations |
| 13.2 | <u>Uncleaned packaging</u> | Dispose of containers with care |

14 Transport information

The product is not dangerous, it is adapted at road transport, railroad, maritime and aerial, national and international

15 Regulations

- | | |
|---|---|
| U.S. Federal regulations: | TSCA STATUS All components of this product are listed on the TSCA inventory |
| CERCLA REPORTABLE QUANTITY | none |
| JAPAN – EXISTING AND NEW CHEMICALS SUBSANCES (ENCS) | All components of this product are listed on ENCS. |

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Product Name, Art.-No.: **Adhesive powder** Art.No.: 7700**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)