

## Safety Data Sheet

### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier** **INTERALOX**

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
 Product is used for sandblasting of precious and non-precious alloy casts and ceramics.

**1.3 Details of the supplier of the safety data sheet**

|                                 |                      |                                     |
|---------------------------------|----------------------|-------------------------------------|
| Manufacturer/Supplier:          | INTERDENT d.o.o.     | <i>Production:</i> INTERDENT d.o.o. |
| Street:                         | Opekarniška cesta 26 | Dol 1                               |
| Country code /Postal code/City: | SI-3000 Celje        | SI-3342 Gornji Grad                 |
| Telephone:                      | +386(0) 425-62-00    |                                     |
| Fax:                            | +368(0) 490-62-02    |                                     |

**1.4 Emergency telephone number**

Emergency phone: +386(0) 425-62-00

### **SECTION 2: Hazards Identification**

**2.1 Classification of the substance or mixture**

Product is not classified as hazardous according to Regulation (EC) No 1272/2008.

**2.2 Label elements**

Product is not labeled according to Regulation (EC) No. 1272/2008.

**2.3 Other hazards**

PBT and vPvB evaluations are in chapter 12.5

### **SECTION 3: Composition / information on ingredients**

**3.1 Substance:**

Product is a mixture.

**3.2 Mixture:**

Sandy material consisting of:

| Chemical name | CAS Nr.<br>EC-Number<br>INDEX number | % | Classification according to EC 1272/2008 |                   |
|---------------|--------------------------------------|---|--|-------------------|
|               |                                      |   | Hazardous class/hazardous category       | Hazardous phrases |
|               |                                      |   |  |                   |

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|                                    |                             |       |   |   |
|------------------------------------|-----------------------------|-------|---|---|
| <b>Al<sub>2</sub>O<sub>3</sub></b> | 1344-28-1<br>215-691-6<br>/ | 99,78 | / | / |
| <b>Na<sub>2</sub>O</b>             | 1313-59-3<br>215-208-9<br>/ | 0,18  | / | / |
| <b>Fe<sub>2</sub>O<sub>3</sub></b> | 1317-60-8<br>215-275-4<br>/ | 0,04  | / | / |

### 3.2 Additional information

For the wording of the listed risk phrases refer to section 16.

### **SECTION 4: First Aid Measures**

#### **4.1 Description of first aid measures**

*Inhalation:*

No special instructions required. If inhaled call a doctor.

*Skin contact:*

No special instructions required.

*Eye contact:*

Remove / treat as hard substance. Remove sand particles rinsing with water. If problems persist, contact a doctor.

*Ingestion:*

No special precautions required, if problem persist ask for medical help.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No data available

#### **4.3 Indication of any immediate medical attention and special treatment needed**

No data available

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

*Suitable:*

No limitations.

*Unsuitable:*

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No limitations.

### 5.2 Special hazards arising from the substance or mixture

No special hazard.

### 5.3 Advice for firefighters

n.a.

## **SECTION 6: Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

n.a.

### 6.2 Environmental precautions

n.a.

### 6.3 Methods and material for containment and cleaning up

Collect mechanically.

### 6.4 Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8. Disposal: see section 13.

## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

No special requirements

### 7.2 Conditions for safe storage, including any incompatibilities

No special requirements

### 7.3. Specific end use(s)

Product is intended to be used for sandblasting of precious and non-precious alloy casts and ceramics.

## **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

Occupational exposure limit:

Directive 98/24/EC with all amendments and implementations

Official Gazette RS, nr. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18, 78/19

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|  |                                  |
|--|----------------------------------|
| <b>Chemical name: Dust</b>   |                                  |
| <b>OEL</b>   | 8 h: 10 mg/m <sup>3</sup> (I)*   |
|  | 8 h: 1,25 mg/m <sup>3</sup> (A)* |
| <p>* A- alveolar fraction, I- inhalable fraction</p> <p><b>8.2 Exposure controls</b></p> <p><i>8.2.1 Appropriate engineering controls:</i><br/>No specific measures.</p> <p><i>8.2.2 Personal protective equipment</i><br/>Personal protection equipment in accordance with Directive (EU) 2016/425 and List for harmonized standards for OVO-2018/C 209/03.</p> <p><i>General protection and hygienic measures:</i><br/>Provide good ventilation. Do not breath dust. Wear personal protective equipment. Do not eat, drink or smoke when working. Wash hands when stop working and during breaks.</p> <p><i>Hand protection:</i><br/>Recommendation of use protection in accordance with EN 374-1:2016.</p> <p><i>Respiratory system:</i><br/>Use mask with filter: respirator EN149:2001+A1:2009 (FFP2).</p> <p><i>Eye protection:</i><br/>Recommendation safety goggles (EN 166:2001).</p> <p><i>Skin and body protection:</i><br/>Working clothes.</p> <p><b>8.3 Control of environment protection</b><br/>Common instructions: Do not wash rinse with fresh water or to drainage system.</p> |                                  |

### **SECTION 9: Physical and chemical properties**

#### **9.1 Information on basic physical and chemical properties**

|   |                       |
|---|-----------------------|
| <b>Physical state</b>   | solid                 |
| <b>Colour</b>   | white                 |
| <b>Odour</b>  | odourless             |
| <b>Melting point / freezing point</b>                           | Melting point: 2050°C |
| <b>Boiling point or initial boiling point and boiling range</b> | NA                    |

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|  |    |
|--|----|
| <b>Flammability</b>                                      | NA |
| <b>Lower and upper explosion limit</b>                   | NA |
| <b>Flash point</b>                                       | NA |
| <b>Auto-ignition temperature</b>                         | NA |
| <b>Decomposition temperature</b>                         | NA |
| <b>pH</b>  | NA |
| <b>Kinematic viscosity</b>                               | NA |
| <b>Solubility</b>  | NA |
| <b>Partition coefficient n-octanol/water (log value)</b> | NA |
| <b>Vapour pressure</b>                                   | NA |
| <b>Density and/or relative density</b>                   | NA |
| <b>Relative vapour density</b>                           | NA |
| <b>Particle characteristics</b>                          | NA |

### 9.2 Other information

Hardness (Mohs): 9

Hardness (Knoop): 21 kN/mm<sup>2</sup>

Specific mass: 1550-1650kg/m<sup>3</sup>

### ***SECTION 10: Stability and reactivity***

#### **10.1 Reactivity**

No data available

#### **10.2 Chemical stability**

Stable under normal conditions.

#### **10.3 Possibility of hazardous reaction**

No data available

#### **10.4 Conditions to avoid**

No data available

#### **10.5 Incompatible materials**

No data available

#### **10.6 Hazardous decomposition products**

No data available.

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### **SECTION 11: Toxicological information**

#### **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity:** Not classified

**Skin corrosion/irritation:** Not classified

**Serious eye damage/irritation:** Not classified

**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified.

**STOT-single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** No data available

#### **11.2 Information on other hazards**

No other information available.

### **SECTION 12: Ecological information**

#### **12.1 Toxicity**

No data available

#### **12.2 Persistence and degradability**

No data available

#### **12.3 Bioaccumulative potential**

No data available

#### **12.4 Mobility in soil**

No data available

#### **12.5 Results of PBT and vPvB assessment**

The substance is not considered to be persistent, bioaccumulative or toxic. The substance is not considered to be very persistent and very bioaccumulative.

#### **12.6 Endocrine disrupting properties**

No data available.

#### **12.7 Other adverse effect**

No data available

### **SECTION 13: Disposal consideration**

#### **13.1 Waste treatment methods**

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Product can be disposed as household waste when following local regulations.

### **SECTION 14: Transport Information**

|   | Land-Road/Railway (ADR/RID): | Inland waterways (ADNR): | Sea (IMDG): | Air (IATA): |
|---|------------------------------|--------------------------|-------------|-------------|
| <b>14.1 UN number</b>   | No data available            |                          |             |             |
| <b>14.2 UN proper shipping name</b>                                 | No data available            |                          |             |             |
| <b>14.3 Transport hazard class(es)</b>                              | No data available            |                          |             |             |
| <b>14.4 Packing group</b>   | No data available            |                          |             |             |
| <b>14.5 Environmental hazards</b>                                   | No data available            |                          |             |             |
| <b>14.6 Special precautions for user</b>                            | No special precautions       |                          |             |             |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | No data available            |                          |             |             |

### **SECTION 15: Regulatory information**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

The material is not subject to classification according to EC lists and other sources of literature: EC 1907/2006 and 1272/2008.

#### **15.2 Chemical safety assessment**

No data available.

### **SECTION 16: Other information**

#### *Revision:*

Version 05 issued on December 2022 in accordance with EC 1907/2006 and EC 1272/2008.

Revision in accordance with changes in COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

#### *Legend of abbreviations:*

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ADR - Accord européen relatif au transport international des marchandises dangereuses par route  
CAS - Chemical Abstracts Service  
CLP – Classification, labeling and packaging  
CMR - Carcinogenic, Mutagenic or toxic for Reproduction  
DNEL - Derived No-Effect Level  
EINECS European Inventory of Existing Commercial Chemical Substances  
ELINCS European List of Notified Chemical Substances  
EmS Emergency Schedule  
GHS "Globally Harmonized System of Classification and Labelling of Chemicals"  
IARC: International agency for research on cancer  
IATA International Air Transport Association  
IATA/DGR Dangerous Goods Regulations (DGR) for the air transport (IATA)  
ICAO International Civil Aviation Organization IMDG International Maritime Dangerous Goods Code PBT persistent bioaccumulative, toxic  
LD50: Median lethal dose; the dose causing 50% lethality  
NTP: National toxicology program  
OSHA: Occupational safety and health administration  
OEL: Occupational exposure limit  
OSHA PELs: Permissible Exposure Limits - 8-hour TWA (time-weighted average) concentrations unless otherwise noted.  
PNEC Predicted No-Effect Concentration  
PPM parts per million  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID Règlement concernant le transport International ferroviaire des marchandises Dangereuses št. vPvB very Persistent and very Bioaccumulative (zelo obstojno in se zelo lahko kopiči v organizmih)

*Disclaimer of expressed and implied warranties:*

The information contained in the safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.