

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019      **Version:** 1.0.1  
**Update date :** 28.01.2020

## Section 1. Identification of the substance/mixture and of the company/

### 1.1. Product Identifier

Diamond Powder (diamond micropowder)

### 1.2. Relevant identified applications of the substance or mixture and not recommended applications

The diamond powder is to be used for precise and hand grinding, lapping and finishing polishing of a wide range of materials. The powder can be also used both using medium or as loose diamond abrasant

### 1.3. Details of the supplier and the safety data sheet

Firma Handlowo- Usługowa  
Marcin Kwaśniewski

#### Street address

Pomorska 32/5

#### Country/postal code/city

Poland / 85-050 Bydgoszcz

#### Telephone/ Telefax

+48 698 107 257

### 1.4. Emergency telephone number

+48 698 107 257

## Section 2. Hazards identification

### 2.1. Classification

2.1.1. Classification of the product pursuant to the provisions of the Decree of the Minister of Health of August 10, 2012 on the criteria and the classification system of chemical substances and their mixtures (i.e. Journal of Laws of 2015, Item 208)

This product is not classified as hazardous.

### 2.2. Label elements

2.2.1. Labelling in compliance with the Decree of the Minister of Health April 20, 2012 on labelling of hazardous substances, hazardous mixtures and some mixtures (i.e. Journal of Laws of 2015, Item 450)

**Pictogram:** not to be applied

**Hazard Statements:** not applicable

**Precautions statements:** not applicable

### 2.3. Other hazards

In case of eye contact – possible mechanical eye irritation

## Section 3. Composition. Information about ingredients

### 3.1. Chemical characteristics

Substance in the form of synthetic diamond powder (CAS: 7782-40-3, WE: 231-953-2)

### 3.2. Hazardous components

Diamond is not classified as hazardous substance.

## Section 4. First aid measures

### 4.1. Description of first aid measures

#### General information

in case of any adverse symptoms or doubts a doctor must be consulted.

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019      **Version:** 1.0.1  
**Update date :** 28.01.2020

## Inhalation

Leave the place of exposure. Ensure absolute rest in any position. Provide a lot of fresh air. In case of any adverse symptoms doctor must be immediately called.

## Skin contact

Wash with water and soap, then rinse. In case of skin irritation, consult a doctor.

## Eye contact

Rinse eyes for at least 15 minutes with great amount of cold water, running water is recommended (avoid strong water jet due to the risk of mechanical injury of cornea. Consult the ophthalmologist in case of any adverse symptoms.

## Ingestion

Rinse mouth and drink lots of water (a conscious person). In case of any adverse symptoms – call the doctor immediately and show him the Safety Data Sheet of the product .

## 4.2. The most important symptoms and effects, both acute and delayed

### Potential acute symptoms

- *Inhalation:* unknown
- *Skin contact:* unknown
- *Eye contact:* anticipated mechanical eye irritation, tearing, pain
- *Ingestion:* unknown

### Potential delayed symptoms

- *Inhalation:* unknown
- *Ingestion:* unknown
- *Skin contact:* unknown
- *Eye contact:* unknown

## 4.3. Indication of immediate medical attention and special treatment needed

### Medical monitoring of delayed effects

Symptoms treatment

### Information of available antidotes

No available adequate antidotes. In case of ingestion rinse mouth and drink a lot of water (a conscious person). Do not induce vomiting.

### Special first aid measures at work

Standard accessories of a first aid kit.

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## Section 5. Firefighting measures

### 5.1. Extinguishing media

Foam, carbon dioxide, extinguishing powder, water mist

### 5.2. Extinguishing media not adequate for safety reasons

water

### 5.3. Special hazards arising from the mixture, its combustion products or generated gases

During fire hazardous combustion products can be generated (carbon monoxide, carbon dioxide). Inhalation of hazardous combustion products may cause serious health hazards.

### 5.4. Information for firefighters or the persons participating in the firefighting action

During fire respiratory tracts must be protected (e.g. a half-mask with a multi-gas sink). In case of a big fire: put on protective clothing and a mask protecting the respiratory tract. Extinguishing water must not get into the sewage system, water tanks or soil.

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## Section 6. Accidental release measures

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019      **Version:** 1.0.1  
**Update date :** 28.01.2020

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

### 6.1.1. For the persons who are the personnel providing first aid

Due to the risk of a direct contact with the product (in emergency situation, e.g. unsealing of a container or installation), the following must be provided to the persons using this product at his/her workstation and to the persons in charge of the transportation of this product at the premises:

- adequate personal protection measures (listed in Section 8 of this Safety Data Sheet),
- adequate ventilation in the room and at the workstation,
- adequate fire protection conditions and manual fire extinguishing measures,
- a brush and a shovel to remove the spills of the product at the workstation and a tight waste container with a lid, as well as other measures listed in the internal emergency procedures.

### 6.1.2. For the persons providing assistance

The personnel collecting spilt product must be provided with the personal protection measures, the same as in case of the persons using this product at their workstation (See Section 8).

## 6.2. Environmental precautions

Do not allow to enter drains, water courses or soil. Should a considerable volume of the product enter into water tanks, drains or soil, the competent authorities must be informed (The Inspectorate for Environmental Protection, firefighters, commune office).

## 6.3. The methods and materials preventing the extension of the contamination and used for its elimination

In case of uncontrolled release of the product into the environment – collect the product with a shovel and place it in a sealed container. Clean the contaminated surface with water.

## 6.4. References to other sections

The necessary personal protection measures listed in Section 8 hereof.

The remains of the products of the waste resulting from the removal of the consequences of the product release into the environment, follow the instructions provided for in Section 13 hereof.

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

During application no eating or drinking is allowed. Avoid contact with eyes, comply with personal hygiene rules – wash hands after product application, remove dirty clothing and protective equipment before entering the areas designated to eating meals. Use personal protection measures (see Section 8), ensure adequate exchange of air in the work room.

All the persons having contact with the product must be acquainted with this Safety Data Sheet.

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

#### 7.2.1. Storage requirements and the requirements for storage rooms

Product must be stored in sealed and properly labelled containers delivered together with the product, in a dry, cool and well-ventilated room. Do not store close to heat sources or a sunlight exposed place.

#### 7.2.2. Risk management related to:

##### a) Explosive atmosphere, risks related to flammability and potential ignition sources

Product does not create the risk of explosion and is not flammable.

##### b) Corrosive environment

Product does not create risk related to corrosion.

##### c) Incompatible substances or mixtures

Store far from strongly acid or alkaline substances.

##### d) Evaporation conditions

General ventilation system must be in the work room which should ensure the air exchange limits provided for in the applicable regulations. At least natural gravity ventilation must be in the storage room.

#### 7.2.3. Controlled influence of:

##### a) Weather conditions

Product must be protected against weather conditions – must be stored in adequate, sealed and dry rooms.

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019 **Version:** 1.0.1  
**Update date :** 28.01.2020

## b) Ambient pressure, temperature, sun light, humidity

Store in a dry room protected against direct sun light and overheating.

This product does not require special measures in respect to the ambient pressure.

## 7.2.4. Other recommendations concerning:

### a) Adequate design of storage rooms or containers

The product storage room should have a non-absorbent and washable floor and walls, when a considerable amount of the product is stored – the room must be equipped with the ventilation system and it must be protected against uncontrolled release of the product to the environment.

## Section 8. Exposure controls / personal protection

### 8.1. Control parameters

#### 8.1.1. The highest acceptable concentration

Pursuant to the Decree of the Minister of Family, Labour and Social Policy of June 12, 2018 on the highest acceptable concentrations of hazardous factors in work environment

	Dusts not classified due to their toxicity	
	Inhaled fraction	Respirable fraction
NDS [mg/m <sup>3</sup> ]	10	-

#### 8.1.2. Recommended monitoring procedures

No available measurement methods.

#### 8.1.3. DNELs (no-effect level) and PNECs (predictable no-effect concentration)

DNEL – no available data

PNEC – no available data

#### 8.1.4. Value of maximum biological concentration (MBC)

- no determined value

## 8.2. Exposure controls

### 8.2.1. Applied engineering controls

When the technological process using the product cannot be performed in hermetic conditions, the required air exchange must be ensured in the work room. Due to the risk of eye mechanical irritation it is proposed to install an eye rinsing device next to the workstation.

### 8.2.2. Personal protection measures, such as personal protection equipment

#### a) eye/face protection

Use protective glasses, such as safety goggles or face shield

#### b) skin protection:

##### – Hands protection

It is recommended to use neoprene protective gloves

##### – Body protection

Use standard workwear and safety footwear

#### c) Respiratory protection

In normal application conditions it is not required.

#### d) Thermal risk

not applicable

### Additional comments related to personal protection measures

Organisation and technical solutions, including the group protection measures, are superior in respect to the personal protection measures. The basic requirements for the personal protection measures are provided for in the Directive of the European Parliament and the Council (UE) 2016/425 of March 9, 2016 on the personal protection measures and the repeal of the Council's Directive 89/686/EEC.

Employer shall ensure that the applied personal protection measures, as well as workwear and safety footwear had adequate protective and performance qualities and he/she should ensure their adequate washing, maintenance, repair and decontamination.

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019      **Version:** 1.0.1  
**Update date :** 28.01.2020

## 8.2.3. Environmental exposure controls

In case of a release of considerable quantity of product into the environment it may create environmental, hazard (pollution of soil or surface waters). Therefore, the preventive measures must be applied as provided for in Section 6 hereof.

The remains of the product and dirty packages are considered to be hazardous waste as provided for in the domestic regulations – the handling procedures of the waste resulting from the application of the product have been described in Section 13 hereof.

## Section 9. Physical and chemical properties

### 9.1. Information about physical and chemical properties

<b>Physical state:</b>		powder
<b>Colour:</b>	( - / - )	Yellow, black or crystalline
<b>Odour:</b>		odourless
<b>pH</b>		no available data
<b>Melting point:</b>	( 6.3MPa )	800 °C
<b>Boiling point:</b>	( 6.3MPa )	4000 °C
<b>Flash point:</b>		no available data
<b>Decomposition temperature:</b>		no available data
<b>Evaporation rate:</b>		no available data
<b>Flammability:</b>		not applicable
<b>Upper explosion limit:</b>		not applicable
<b>Lower explosion limit:</b>		not applicable
<b>Vapor pressure:</b>		no available data
<b>Vapor density:</b>		no available data
<b>Density:</b>	( 20 °C )	ca 3.51 g/cm <sup>3</sup>
<b>Specific weight:</b>		no available data
<b>Water solubility:</b>		good but not total
<b>Other solvents:</b>		mineral oils, ethanol, methanol, other organic solvents
<b>Partition coefficient: n-octanol/water:</b>		no available data
<b>Auto-ignition temperature:</b>		no available data
<b>Decomposition temperature:</b>		no available data
<b>Viscosity:</b>		no available data
<b>Explosive properties:</b>		not applicable
<b>Oxidizing properties:</b>		not applicable

## Section 10. Stability and reactivity

### 10.1. Reactivity

not applicable

### 10.2. Chemical stability

in normal environmental conditions and in predictable temperature and pressure during storage and application.

### 10.3. Possible hazardous reactions

Heating up to 1000°C in vacuum changes the product into graphite, heating up to 780°C in aerobic conditions will result in the release of carbon dioxide. Artificial diamond powder is changed into graphite in the conditions 1600~1800°C、(5~6)×103MPa

### 10.4. Conditions to avoid

Exposure to extremely high temperatures, humidity

### 10.5. Incompatible materials

not applicable

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019      **Version:** 1.0.1  
**Update date :** 28.01.2020

## 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

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## **Section 11. Toxicological information**

### 11.1. Information on toxicological effects

There are no toxicological data for this product. It may be concluded based on the classification that this product does not create any toxicological risks.

### 11.2. Relevant health risks:

#### a) Acute toxicity

not applicable

#### b) Irritation and corrosion

not applicable

#### c) Sensitisation

not applicable

#### d) Carcinogenicity, mutagenicity, hazards for reproductive system

not applicable

### 11.3. LD50/LC50 values important for the classification:

no available data

### 11.4. Information on potential exposure routes

Product may influence body mainly through eye contact or respiratory tract contact (as a result of long-term exposure).

### 11.5. Symptoms related to physical, chemical and toxicological properties

See sub-Section 4.2 hereof

### 11.6. Delayed, direct or chronic effects of short-term and long-term exposure

See sub-Section 4.2 hereof

### 11.7. Interaction effects

no available data

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## **Section 12. Ecological information**

### 12.1. Toxicity

There are available ecological or eco-toxicological data for this product. When inconsiderable volume of this product is disposed to the adapted biological treatment devices there should be no disturbances in the activated sludge system.

### 12.2. Persistence and degradability

no available data

### 12.3. Bio accumulative potential

not applicable

### 12.4. Mobility in soil

no available data

### 12.5. Results of PBT and vPvB assessment

no available data

### 12.6. LC50/EC50 values relevant for the classification:

no available data

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## **Section 13. Waste disposal procedure**

### 13.1. Waste treatment methods

Waste should be disposed pursuant to the Waste Disposal Act of December 14, 2012 (i.e. Journal of Laws of 2019

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019      **Version:** 1.0.1  
**Update date :** 28.01.2020

Item 701) and the Decree of the Minister of Climate of January 2, 2020 on Waste Catalogue (Journal of Laws of 2020 Item 10).

The product must be disposed together with its package in a safe manner. Empty containers may be incinerated in special installations in compliance with the relevant regulations.

The expired product must be collected in adequate containers and then it must be subject to the disposal. Labels must not be removed from the containers. Remains must not be disposed to the sewage system.

Product leakage to the surface waters of soil must be prevented.

## Section 14. Transport information

### Land transport ADR/RID

classification

class: -

### maritime transport IMDG/GGVSee

classification

IMDG code: -

### air transport ICAO-TI and IATA-DGR

classification

class: -

## Section 15. Regulatory information

### 15.1. Warning signs on packages (the elements of GHS label):

**Name:** Diamond powder

Pictogram, codes of warning messages	The codes of phrases indicating the type of hazard
not applicable	not applicable

### 15.2. Legal regulations concerning safety, health and environment protection typical for the substance

#### 15.2.1. Applicable domestic regulations:

- The Act of 25.02.2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2019 Item 1225).
- The Act of 29 July 2005 on prevention of drug abuse (i.e. Journal of Laws of 2018 Item 1030).
- The Act of 9 October 2015 on biocidal products (i.e. Journal of Laws of 2018 Item 122).
- The Decree of the Minister of Health of 10 August 2012 on the criteria and classification of chemical substances and their mixtures (i.e. Journal of Laws of 2015 Item 208).
- The Decree of the Minister of Health of 20 April 2012 on labelling on packages of hazardous substances and mixtures and some mixtures (i.e. Journal of Laws of 2015 Item 450).

#### a) work safety and hygiene:

- The Act of 26 June 1974 – the Labour Code.
- the Decree of the Minister of Health of 30 December 2004 on work safety and hygiene in the work environment with chemical factors (i.e. Journal of Laws of 2016 Item 1488).
- the Decree of the Minister of Labour and Social Policy of 26 September 1997 on general regulations on work safety and hygiene (unified text Journal of Laws of z 2003 No. 169, Item 1650 with subsequent amendments).

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019 **Version:** 1.0.1  
**Update date :** 28.01.2020

- the Decree of the Minister of Labour and Social Policy of 12 June 2018 on the highest acceptable concentrations and intensities of health hazardous factors in work environment (Journal of Laws of 2018, Item 1286).
- the Decree of the Minister of Health of 2 February 2011 on tests and measurements of health hazardous factors in work environment (Journal of Laws of 2011 No.33, Item 166).
- The Regulation of the European Parliament and Council (UE) 2016/425 of 9 March 2016 on personal protection measures and repeal of the Council's Directive 89/686/EC.

## b) environment protection

- The Act of 14 December 2012 on waste (i.e. Journal of Laws of 2019; Item 701)
- The Act of 13 June 2013 on packages and packages waste management (i.e. Journal of Laws of 2018; Item 150).
- The Decree of the Minister of Climate of January 2, 2020 on the waste catalogue (Journal of Laws of 2020, Item 10).
- The Decree of the Minister of Construction of 14 July 2006 on the performance of duties by the suppliers of industrial sewage and the conditions for disposing sewage into the sewage system (i.e. Journal of Laws of 2016, Item 1757).

## c) transport

- The Act of 19 August 2011 on land transport of hazardous goods (i.e. Journal of Laws of 2018, Item 169)
- Government Statement of 18 December 2017 on introduction of changes to the annexes A and B to the European Agreement on the carriage of hazardous goods (ADR), drafted in Geneva on September 30, 1957 (Journal of Laws of 2018, Item 136)

## 15.2.2. Effective EC regulations:

### a) REACH package

- Regulation (EC)1907/2006 of the European Parliament and Council of 18 December 2006 concerning the Registration, Evaluation and Restriction of Chemicals (REACH), establishment of the European Chemicals Agency amending the Directive 1999/45/EC and repealing the Regulation of the Council (EC) No. 793/93 and the Commission Regulation (EC) no. 1488/94, as well as the Directive of the Council 76/769/EEC and the Directives of the Council 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EEC (promulgated in the Official Journal of the European Union Series L no. 396 of 30 December 2006 and the rectification in the Official Journal of the European Union Series L no.136 of 29 May 2007)
- Commission Regulation (EC) 2016/217 of 16 February 2016 amending the annex XVII to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in respect to cadmium
- Commission Regulation (EC) 2016/26 of 13 January 2016 r.amending the annex XVII to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in respect to nonylphenol ethoxylates
- Commission Regulation (EC) 2015/1494 of 4 September 2015 amending the annex XVII to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in respect to benzene
- Commission Regulation (EC) 2015/830 of 28 May 2015 amending Regulation (EC) No. 1907/2006 of the European Parliament and Council on the Chemicals Registration, Evaluation, Licencing and Applied Restrictions (REACH)
- Commission Regulation (EC) 2015/628 of 22 April 2015 amending the annex XVII to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in respect to lead and its compounds
- Commission Regulation (EC) 2015/326 of 2 March 2015 amending the annex XVII to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in respect to polycyclic aromatic hydrocarbons and phthalates
- Commission Regulation (EC) 2015/282 of 20 February 2015 amending the annex VIII, IX and X to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in respect to the extended testing of hazardous influence on reproductive system in s single generation



# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019 **Version:** 1.0.1  
**Update date :** 28.01.2020

- Commission Regulation (EC) No. 895/2014 of 14 August 2014 amending the annex XIV to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH)
- Commission Regulation (EC) No. 474/2014 of 8 May 2014 amending the annex XVII to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in respect to 1,4-Dichlorobenzene
- Commission Regulation (EC) No. 317/2014 of 27 March 2014 amending Regulation (EC) No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in reference to the annex XVII (CMR substances)
- Commission Regulation (EC) No. 301/2014 of 25 March 2014 amending the annex XVII to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in respect to chromium VI compounds
- Commission Regulation (EC) No. 348/2013 of 17 April 2013 amending the annex XIV to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH)
- amending Regulation (EC) No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in reference to the annex XVII (cadmium)
- Commission Regulation (EC) No. 412/2012 of 15 May 2012 amending the annex XVII to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH).
- Commission Regulation (EC) No. 125/2012 of 14 February 2012 amending the annex XIV to the Regulation (EC) no. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH).
- amending Regulation (EC) No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in reference to the annex XVII (CMR substances)
- Commission Regulation (EC) No. 494/2011 of 20 May 2011 amending Regulation (EC) No. 1907/2006 of the European Parliament and Council on the Registration, Evaluation, Licencing and Restriction of Chemicals (REACH) in reference to the annex XVII (cadmium) + RECTIFICATION
- Commission Regulation (EC) No. 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH)
- amending Regulation (EC) No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in reference to the annex XVII (dichloromethane, lamp oils and grill lighter fluids and organostannic compounds)
- Regulation 552/2009 of 22 June 2009 amending Regulation (EC) No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation and Restriction of Chemicals (REACH) in reference to the annex XVII

## b) CLP package

- Commission Regulation (EC) 2016/1179 of 19 July 2016 adapting to the technical and scientific progress the Regulation of the European Parliament and Council (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures
- Commission Regulation (EC) 2016/918 of 19 May 2016 adapting to the technical and scientific progress the Regulation of the European Parliament and Council (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures
- Commission Regulation (EC) 2015/1221 of 24 July 2015 amending the Regulation of the European Parliament and Council (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures in order to adjust it to the technical and scientific progress
- Commission Regulation (EC) No. 1297/2014 of 5 December 2014 adapting to the technical and scientific progress the Regulation of the European Parliament and Council (UC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures
- amending, in order to introduce hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, the Regulation of the European Parliament and Council (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures (The Official Journal of the EC L 167/36 of 6.06.2014)

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019 **Version:** 1.0.1  
**Update date :** 28.01.2020

- Commission Regulation (EC) no. 944/2013 of 2 October 2013 adjusting to the technical and scientific progress the Regulation of the European Parliament and Council (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures (The Official Journal of the EC L 261/5 of 3.10.2013)
- Commission Regulation (EC) no. 758/2013 of 7 August 2013 containing the rectification to the annex VI to the Regulation of the European Parliament and Council (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures (The Official Journal of the EC L 216/1 of 10.08.2013)
- Commission Regulation (EC) no. 487/2013 of 8 May 2013 adjusting to technical and scientific progress the Regulation of the European Parliament and Council (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures (The Official Journal of the EC L 149/1 of 1.06.2013)
- Commission Regulation (EC) No. 618/2012 of 10 July 2012 adjusting to technical and scientific progress the Regulation of the European Parliament and Council (EC) no 1272/2008 on classification, labelling and packaging of substances and mixtures
- Commission Regulation (EC) No. 286/2011 of 10 March 2011 adjusting to technical and scientific progress the Regulation of the European Parliament and Council (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures. (The Official Journal of the EC L 83/1 of 30.3.2011),
- Commission Regulation (EC) No. 440/2010 of 21 May 2010 on the fees payable to the European Chemicals Agency pursuant to the Regulation of the European Parliament and Council (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures. (The Official Journal of the EC L 126/1 of 22.05.2010)
- The Regulation of the European Parliament and Council (EC) no. 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing the directives 67/548/EC and 1999/45/EC and amending Regulation (EC) No. 1907/2006 (The Official Journal of the EC L 353/2 of 31.12.2008)
- Directive of the European Parliament and Council 2008/112/EC of 16 December 2008 amending the Directives of the Council 76/768/EC, 88/378/EC, 1999/13/EC and the directives 2000/53/EC, 2002/96/EC and 2004/42/EC of the European Parliament and Council in order to adjust them to the Regulation (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures (The Official Journal of the EC L 345/68 of 23.12.2008)
- Rectification to the Regulation of the European Parliament and Council (EC) no. 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing the directives 67/548/EEC and 1999/45/EC and amending the Regulation (EC) no. 1907/2006 (The Official Journal of the EC L 16/1 of 20.01.2011)
- The Regulation of the European Parliament and Council (EC) no 1336/2008 of 16 December 2008 amending Regulation (EC) No. 648/2004 in order to adjust it to the Regulation (EC) no.1272/2008 on classification, labelling and packaging of substances and mixtures. (The Official Journal of the EC L 354/60 of 31.12.2008)
- Commission Regulation (EC) no. 790/2009 of 10 August 2009 adjusting to technical and scientific progress the Regulation of the European Parliament and Council (EC) no. 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures (The Official Journal of the EC L 235/1 of 5.09.2009)

## b) export / import

- Commission Regulation (EC) No. 73/2013 of 15 January 2013 amending the annex I and V to the Regulation of the European Parliament and Council (EC) no. 689/2008 on export and import of hazardous chemicals
- The Regulation of the European Parliament and Council (EC) No. 649/2012 of 4 July 2012 on export and import of hazardous chemicals
- Commission Regulation (EC) No. 71/2012 of 27 January 2012 amending the annex I to the Regulation of the European Parliament and Council (WE) nr 689/2008 on export and import of hazardous chemicals. (The Official Journal of the EC L 26/25 of 28.1.2012)
- Commission Regulation (EC) No. 834/2011 of 19 August 2011 amending annex I to the Regulation 689/2008. (The Official Journal of the EC L 215/1 of 20.8.2011)

# Safety Data Sheet

**Commercial Product Name:** Diamond Powder  
**Issue Date:** 25.02.2019      **Version:** 1.0.1  
**Update date :** 28.01.2020

- Commission Regulation (EC) No. 15/2010 of 7 January 2010 amending the annex I to the Regulation (EC) no. 689/2008 of the European Parliament and Council on export and import of hazardous chemicals (The Official Journal of the EC L 6/1 of 9.1.2010)
- Commission Regulation (EC) No. 196/2010 of 9 March 2010 amending the annex I to the Regulation of the European Parliament and Council (EC) no. 689/2008 on export and import of hazardous chemicals (The Official Journal of the EC L 60/5 of 10.3.2010)
- The Regulation of the European Parliament and Council (EC) no. 689/2008 of 17 June 2008 on export and import of hazardous chemicals (The Official Journal of the EC L 204 of 31.7.2008) (The Official Journal of the EC L 204 of 31.7.2008)

## 15.3. Chemical safety assessment

No available data

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## **Section 16. Other information**

### **16.1. Update – the scope of adjustments introduced to the previous version of the sheet**

The update of legal regulations listed in the document

### **16.2. Definition of the acronyms used in the Safety Data Sheet**

NDS – the highest acceptable concentration

NDSCh – the highest acceptable instantaneous concentration

NDSP – the highest acceptable threshold concentration

DSB – acceptable biological concentration, the limit defining the highest acceptable concentration of toxic substance or its metabolite in the biological material (blood, urine, hair), the maximum changes in the activeness of enzymes or defining the scope of other changes resulting from the exposure; DSB guarantees no hazardous effect for employees' health and their future generations

PBT – permanent substance with the ability to bioaccumulate and toxic

vPvB – very persistent substance and very bioaccumulative

### **16.3. List of H statements from Points 2 and 3:**

Not applicable

### **16.4. Recommendations for employees' training:**

- a) All the employees having contact with the product must be acquainted with the contents hereof
- b) Information contained herein must be included in the work safety and hygiene instructions for the workstations where the product is used, as well as in the syllabuses of the work safety and hygiene training

### **16.5. Other information:**

Information contained herein complies with the level of our knowledge, information and the knowledge available as at the publication date. The provided information has been developed only as a prompt for safe operation, use, processing, storage, transport, disposal or accidental release and it should not be considered as a guarantee or quality specification. Information is applicable only to the particular applications of the material and it cannot be valid for this material when used in combination with other materials or in a different process, unless it is specified herein.