

# Jota Safety Data Sheet

Acc. to 91/155 / EWG Jota-SDS: Sta\_e.doc

### 1 PRODUCT AND COMPANY IDENTIFICATION

- **1.1Product details**small rotary cuttersTrade name:surgical drills an burs
- 1.2
   Particulars of manufacturer/ supplier
   JOTA AG

   Manufacturer/ supplier
   JOTA AG

   Address:
   Hirschens

   Country code/ postcode/ city:
   CH-9464

   Telephone:
   0041 (0)7

   Telefax:
   0041 (0)7

   Competent department:
   Quality as

Hirschensprungstr. 2 / Postfach 56 CH-9464 Rüthi-SG 0041 (0)71 / 767 79 99 0041 (0)71 / 767 79 97 Quality assurance 0041 (0)71 / 767 79 54 Ivoclar Vivadent Pty 1- 5 Overseas Drive Noble Park North VIC 3174 Tel: + 61 3 9795 9599 Fax: + 61 3 9795 9645 Email: info@ivoclarvivadent.com 13 11 26 Poisons Hotline (24 hours / 7 days)

1.3 Emergency phone number:

Telephone:

Importer:

### 2 <u>COMPOSITION/ INFORMATION ON COMPONENTS</u>

2.1 <u>Chemical characterization:</u> <u>Chemical description:</u> 120VW4 silver steel\_ Steel material no.: 1.2516

### 2.2 Hazardous components

If used properly and according to current knowledge, it is not expected that the components of this product will represent a hazard. Marking: none

### 3 POSSIBLE HAZARDS

### 3.1 Hazard identification

Provided that the standard safety precautions for small rotary cutters and the general accident prevention precautions are observed and the personal protection outfit is used correctly, no particular hazards are known.

### 4 FIRST-AID MEASURES

4.1 General hints: refer to 'VBG 103'

#### 4.2 After inhalation:

Fresh air, under normal circumstances no further measures are required. Should symptoms persist, consult a doctor.

### 4.3 After skin contact:

In case of allergic reaction, use protective gloves and special skin protection salve.

- **4.4** After eye contact: Rinse thoroughly with water , then consult an eye specialist immediately.
- 4.5 After ingestion: consult a doctor
- 4.6 Hints for doctors:

### 5 FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media:
- 5.2 Extinguishing media unsuitable for safety reasons:
- 5.3 Particular hazards by the material, its combustion products or released gases:
- 5.4 Special protection outfit:
- 5.5 Additional hints:



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#### 6 MEASURES FOR ACCIDENTAL RELEASE

#### 6.1 **Personal precautions:**

6.2 **Environmental precautions:** no negative ecological effects known

#### 6.3 Methods for cleaning/ disposal:

#### 6.4 Additional hints:

#### 7 HANDLING AND STORAGE

#### 7.1 Handling:

refer to 'VBG 103' Hints for safe use: Personal protection outfit: protective glasses Hand protection: protective gloves in case of regular, prolonged or intense skin contact machine suction of the grinding dust

Respiratory protection:

#### 7.2 Storage Storage conditions for warehouse and containers:

Hints for storage with other goods:

Storage class: Storage stability:

Use only containers designed specially for this material/ product. Ventilate the area adequately. Do not store in one place with oxidizing

agents. not applicable

if possible, at temperatures between + 5 C and + 50 C

#### 8 EXPOSURE LIMITS AND PERSONAL PROTECTION OUTFIT

#### 8.1 Additional hints for the design of technical plants

Components with limits as to work area which must be monitored 8.2 Note: Observe the general accident prevention regulations, especially concerning the circumferential speed respectively the maximum permissible speed of rotation for surgical instruments.

#### Personal protection outfit 8.3

General protective and hygienic measures: Persons with an allergic predisposition against grinding dust should avoid regular, prolonged or intense skin contact. If necessary, use your personal protection outfit. Clean and care for the skin. Do not eat, drink, smoke or sniff while working.

Respiratory protection: Use a dust suction machine.

Hand protection: Provided that safety regulations permit this, in case of intense skin contact we recommend wearing protective gloves made of suitable plastic or synthetic rubber, otherwise apply a special skin protection salve.

Eye protection: tightly-fitting protective glasses

Body protection: Clean and care for the skin after work.



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### 9 PHYSICAL AND CHEMICAL PROPERTIES

#### 10 STABILITY AND REACTIVITY

**10.1 Conditions to avoid:** no decomposition if used properly

### 10.2 Materials to avoid:

**10.3 Hazardous decomposition products:** none if used and stored properly

### 10.4 Further details:

### 11 INFORMATION ON TOXICOLOGY

### **11.1 Acute toxicity:** <u>Specific symptoms in animal tests</u>: no data available <u>Primary irritant effect:</u> no data available

- 11.2 Subacute/ chronic toxicity

   Long-terms tests:
   no data available

   Experience with humans:
   no data available
- 11.3 Additional toxicological hints:



### 12 INFORMATION ON ECOLOGY

- **12.1 Information on elimination** (persistence and degradability) Penetration in soil or inshore waters is harmless due to the chemical degradability (long-term decomposition).
- **12.2 Behaviour in environmental areas** Product sinks in water.

## **12.3 Eco-toxicological effects** <u>Marine toxicity</u> penetration in waters harmless. <u>Behaviour in sewage purification plants:</u> can be eliminated from water by mechanical separation.

#### 12.4 Further ecological hints

### 13 HINTS FOR DISPOSAL

#### 13.1 Product

Recommendation: no need for special disposal

#### 13.2 Packaging

Recommendation: deliver to a licensed waste disposal company

### 14 TRANSPORT REGULATIONS

no hazardous goods as per regulations

#### 15 **REGULATIONS**

#### 15.1 Marking

Hazard symbol and warning:	not required
Hazardous components requiring labelling:	none
Hazard codes:	none
<u>Safety codes:</u>	none
Marking acc. to Appendix II of the EU:	none
Preparation Guidelines:	none

### 15.2 National regulations

### 16 FURTHER DETAILS

The information given herein is based on the present state of our knowledge. It is intended to describe our product with regard to safety requirements and is not meant to assure any specific product properties.