



**01. Material / Preparation, Company Name and Importer**

Trade Name

**Tungsten Carbide Cutters**

Manufacturer

EDENTA AG

Hauptstrasse 7

CH-9434 Au / SG – Switzerland

Telephone: +41 / 71' 747' 25' 25      Fax: +41 / 71' 747' 25' 50

Importer

Ivoclar Vivadent Ltd

12 Omega St, Rosedale, Auckland, New Zealand

Phone +64 9 914 9999 Fax +64 9 914 9990

[www.ivoclarvivadent.co.nz](http://www.ivoclarvivadent.co.nz)

**Emergency phone number**

0800 764 766 (National Poison Centre)

Poisons Hotline (24 hours / 7 days)

**02. Composition / Information on Components**

Tungsten Carbide about 87-92% (TC), Additive Carbide about 1-3% (TiC/TaC/NbC), Cobalt about 6-10% (CO)

Shank: Stainless Steel, material number = 1.4034 → Working parts > ISO 023 (hard welding)

**03. Possible Danger**

Possible danger to human beings and environment:

None – provided appropriate storage and handling.

Water Danger Class: 0 – no danger to water. (Self-evaluation)

**04. First-Aid-Measures**

No need for special measures to be taken.

**05. Measures for fire extinction**

Product is no flammable. Surrounding fire can be extinguished by appropriate means.

**06. Measures in case of unintentional exposure**

Cleaning / pick-up: Mechanical pick-up.

**07. Handling and Storage**

Protection against Fire and Explosion:      no special measures required.

Storage:      in dry conditions.

avoid temperature extremes.

protect instruments in general against chemicals, acids, heat and extreme temperature variations.

when observing these conditions the product has unlimited shelf life.

## **08. Exposure stop and personal safety equipment**

General Safety and sterilize instruments before initial use.  
Hygiene Measures: Do not use bent instruments.  
Observe speed recommendations.  
Observe contact pressure as recommended.  
Instruments have to be properly inserted into chuck of turbine.  
Observe safety and user information.

Erstellt	RELÜ / 14.04.2004	Ausgabe vom	Rev. 2.0 / 14.04.2020
QM-Geprüft	RELÜ / 14.04.2004	Ersetzt Ausgabe vom	-
GL-Freigabe	OLGR / 14.04.2004	Rückfragen an	QB

**09. Physical and chemical Properties**

Condition:	solid
Color:	metallic
Odor:	without
Change of condition:	Melting point > 1200°C Boiling point not applicable
Flash point:	not applicable
Density:	not applicable
ph – Value (°C):	not applicable
Viscosity (°C):	no applicable
Water-soluble:	insoluble

**10. Stability and Reactivity**

Dangerous reactions: none – provided appropriate storage and handling.

**11. Information on Toxicology**

Chemically inert material. Non toxic.

**12. Information on Ecology**

Damaging effects are unknown.

Debris as result of grinding can be mechanically separated in waste water installation (sewerage).

**13. Information about disposal**

Can be removed together with common trash in line with public regulations or scrapped.  
Waste code number: 35 101

**14. Transport Information**

No special requirements with respect to transport regulations.

**15. Regulations**

The product is not subject to special marking according to CE-regulations.

National regulations:

Water Danger Class: 0 / no danger to water. (Self-evaluation)

**16. Others**

The above mentioned is based on our latest knowledge and describe the product as for safety aspects without assuring technical properties and features. Existing laws and regulations must be observed by the user under its own responsibility.

Responsibility for Contents and Release by Managing Board: Hr. HP. Hutter .....