

Safety Data Sheet

according to the Commission Directive 1907 / 2006 EG, Article 31

LOT UNIVERSAL Art.960-0000

1. Identification of the Substance/Preparation and of the Company/Undertaking

Trade name:	LOT UNIVERSAL
Article description:	Solder for non-precious dental alloys
Use:	Reparation of metal frameworks
Producer:	YETI Dentalprodukte GmbH
Street:	Industriestraße 3
ZIP code / City:	D-78234 Engen
E-Mail:	sdb@yeti-dental.com
Information about substances:	Tel. 0 77 33 / 94 10 0 FAX 0 77 33 / 94 10 22
Emergency:	Tel. 0 77 33 / 94 10 0 (Mo. – Tho. 8h – 16h30, Fr. 8h – 14h)

2. Composition / Information on Ingredients:

Chemical characteristics:	
(Ingredients)	Co 64,1% ; Cr 28,5% ; Mo 5,0% ; Si 1,0% ; Mn 1,0% ; C 0,4%
CAS – Nr.	7440-48-4/7440-47-3/7439-98-7/7440-21-3/7439-96-5/ 7440-44-0
(Blend)	Solder for cobalt chromium alloys
Hazard ingredients:	Not specified
Identification number:	Not specified
Additional information:	Not specified

3. Hazard Identifications

Hazard identification:	Not applicable
Information Persons/ Environment:	Not applicable
Classification:	Not specified

4. First-Aid Measures:

General indications:	No indications
Inhalation:	No hazards
Skin contact:	No hazards
Eye contact:	No hazards
If swallowed:	Not applicable
Medical indications:	Not applicable

5. Fire-Fighting Measures:

Suitable extinguishing media:	Not applicable
Non-suitable extinguishing media:	Not applicable
Other hazards:	Not applicable
Protective equipment:	Not applicable

The material is not explosive and not flammable in the atmosphere.

6. Accidental Release Measures:

Personal precautions:	Not applicable
Environmental precautions:	Not applicable
Methods for cleaning up::	Not applicable

7. Handling and Storage:

7.1 Handling:	No particular requirements
Safe handling:	No particular requirements
Fire/Explosion protection:	No special measures
7.2 Storage:	No particular requirements
Congregation:	Not specified
Storage class:	Not specified

8. Exposure Controls / Personal Protection Equipment:

Additional indications:	Consider the indications of melting mashines producers
Limits of exposition:	Not applicable
General precautions for hygiene:	Do not smoke, eat or drink during work Wash hands after work.
Respiratory protection:	Vacuum of dust
Hand protection:	Not applicable
Eye protection:	Wear protective glaces
Body protection:	Not applicable
Additional indications:	No additional indications

9. Physical and chemical properties

Appearance	
Form:	Solid
Color:	Silver grey
Smell:	neutral
Melting point:	1080°C – 1160°C
Specific gravity:	---
Solubility in water:	not soluble
Flash point:	---

10. Stability and Reactivity

General indicatinos:	Not specified
Thermic products of decomposition:	No decomposition
Hazard products of decomposition:	No hazard products
Hazard chemical reactions:	Possible reactions with crucible material if overheated
Substances to avoid:	Not specified
Additional indications:	Not specified

11. Toxicological information

Toxicology:	Not specified
Acute toxicology:	Not applicable
Primary irritation:	No irritation of skin, eyes and respiratory tracts
Sensitization:	No sensitization
Additional toxicological indications:	No indications

12. Ecological information

Ecology:	Not applicable
Mobility/Bio logical accumulation:	Not applicable
Ecological toxic effects:	Not applicable
Indications for sewage plants:	Not specified
Ecological compartments:	Not specified
Additional ecological indications:	Not specified

13. Disposal Considerations

After taking notice of local regulations Cobalt Chrom solder kann be diposed together with domestic waste.

Waste code number:	Not specified
Detergent:	Not specified
Polluted packaging:	Not specified

14. Transport information

Belongs not to dangerous goods in terms of forwarding regulations.

Land transportation ADR/GGVS/RID/GGVE:	Not specified
Sea transportation IMDG/GGV:	Not specified
Air transportation ICAO/IATA:	Not specified

15. Regulatory information

Specifications according to European Community guidelines:

Not a product requiring placarding in terms of GefStoff/EG regulation.

Code letter:	Not specified
R-Phrase:	Not specified
National regulations:	Not specified
Hazardous Incident Ordinance:	Not specified
Classification for flammable liquids:	Not specified
Water hazard class:	Not specified
Other regulations:	Not specified

16. Sonstige Angaben

The statements of this Safety Data Sheet correlate to our actual status of knowledge and comply with the national and european regulations. The indications do not have the meaning of garanties on properties und do not establish a contractual legal relationship.