

SAFETY DATA SHEET (EC 1907/2006)**DeguDent**

A Dentsply International Company

Compartis CoCr

Material no.		Version	1.1 / GB
Specification	160329	Revision date	10.08.2007
VA-Nr		Print Date	13.08.2007
		Page	1 / 6

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name	:	Compartis CoCr
Company	:	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	:	+49 (0)6181/59-5767
Telefax	:	+49 (0)6181/59-5879
Email address	:	SDB@degudent.de
Emergency telephone number	:	+49 (0)180 / 23 24-555
Use of the Substance / Preparation	:	For dental use only.

2. HAZARDS IDENTIFICATION**Additional safety information for humans and the environment**

When melting, soldering and grinding:
Do not breathe Dusts and vapours:.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Information on ingredients / Hazardous components**

• cobalt		55.2%	
CAS-No.	7440-48-4	EC-No.	231-158-0
	R42/43		
	R53		
• chromium		18.4%	
CAS-No.	7440-47-3	EC-No.	231-157-5
• tungsten		18.4%	
CAS-No.	7440-33-7	EC-No.	231-143-9
• iron		6.0%	
CAS-No.	7439-89-6	EC-No.	231-096-4
• aluminium		2.0%	
CAS-No.	7429-90-5	EC-No.	231-072-3
	F; R15, R17		

See chapter 16 for text of risk phrases

4. FIRST AID MEASURES**Inhalation**

In case product dust is released:
Do not breathe Dusts and vapours:.

SAFETY DATA SHEET (EC 1907/2006)**DeguDent**

A Dentsply International Company

Compartis CoCr

Material no.		Version	1.1 / GB
Specification	160329	Revision date	10.08.2007
VA-Nr		Print Date	13.08.2007
		Page	2 / 6

Skin contact

Dusts and vapours:
Wash off immediately with soap and plenty of water.

Eye contact

In case product dust is released:
Rinse thoroughly with plenty of water keeping eyelid open.
In case of persistent discomfort
Consult an ophthalmologist.

Ingestion

Consult a physician.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

All extinguishing substances suitable.

Special protective equipment for fire-fighters

No special protective equipment required.

Further information

The product itself does not burn.
Adapt fire extinguishing methods to site.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

No special precautions required.

Methods for cleaning up

Use mechanical handling equipment.

7. HANDLING AND STORAGE**Handling****Safe handling advice**

When melting, soldering and grinding:
Local ventilation.
Do not breathe Dusts and vapours:.
No particular measures required if used correctly.
If occurs dust / vapour: Wear personal protective equipment

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters****Engineering measures**

Ensure suitable suction/aeration at the work place and with operational machinery.

Personal protective equipment**Respiratory protection**

When working without/without sufficient suction of objects:

SAFETY DATA SHEET (EC 1907/2006)**DeguDent**

A Dentsply International Company

Compartis CoCr

Material no.		Version	1.1 / GB
Specification	160329	Revision date	10.08.2007
VA-Nr		Print Date	13.08.2007
		Page	3 / 6

Respirator with P3 particle filter

Hand protection

protective gloves

Eye protection

Safety glasses with side-shields

If fumes, dust occurs: basket-shaped glasses

Skin and body protection

Use suitable skin protective agents before handling product. Cleanse and apply cream to skin after work. Preventive skin protection recommended.

Hygiene measures

If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used. No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

Do not inhale fumes, dust, vapour.

If the limits at the workplace are exceeded and/or larger amounts are released (leakage, spilling, dust) the indicated respiratory protection should be used.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	solid
Colour	grey
Odour	odourless

Safety data

10. STABILITY AND REACTIVITY

Conditions to avoid	None known
Materials to avoid	None known
Hazardous decomposition products	decomposition products if heated above melting point. Metallic vapours

11. TOXICOLOGICAL INFORMATION

Further information	No dangerous reactions are known to occur with correct handling and storage.
---------------------	--

SAFETY DATA SHEET (EC 1907/2006)**DeguDent**

A Dentsply International Company

Compartis CoCr

Material no.		Version	1.1 / GB
Specification	160329	Revision date	10.08.2007
VA-Nr		Print Date	13.08.2007
		Page	4 / 6

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)****Behaviour in environmental compartments****Ecotoxicity effects****Further information on ecology**

Further Information

Dusts and water soluble alloy types:

Prevent penetration into soil, stretches of water and drainage systems.

13. DISPOSAL CONSIDERATIONS**Product**

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

14. TRANSPORT INFORMATION**Transport/further information**

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION**Labelling according to EC Directives**

Other data

According to the Dangerous Preparations Directive (1999/45/EG):
no labelling**National legislation**

16. OTHER INFORMATION**Risk phrase (R phrase) texts**• **cobalt**

R42/43

May cause sensitization by inhalation and skin contact.

R53

May cause long-term adverse effects in the aquatic environment.

• **aluminium**

R15

Contact with water liberates extremely flammable gases.

R17

Spontaneously flammable in air.

SAFETY DATA SHEET (EC 1907/2006)**DeguDent***A Dentsply International Company***Compartis CoCr**

Material no.		Version	1.1 / GB
Specification	160329	Revision date	10.08.2007
VA-Nr		Print Date	13.08.2007
		Page	5 / 6

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET (EC 1907/2006)**DeguDent***A Dentsply International Company***Compartis CoCr**

Material no.		Version	1.1 / GB
Specification	160329	Revision date	10.08.2007
VA-Nr		Print Date	13.08.2007
		Page	6 / 6