

SAFETY DATA SHEET (91/155/EWG)**DeguDent**

A Dentsply International Company

**Cercon ceram kiss Spray Glaze
LFC Spray Glaze**

Material no.		Version	1.1 / GB
Specification	158812	Release Date	29.03.2007
VA-Nr		Print Date	29.03.2007
		Page	1 / 7

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

Trade name	:	Cercon ceram kiss Spray Glaze LFC Spray Glaze
Company	:	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	:	+49 (0)6181/59-5767
Telefax	:	+49 (0)6181/59-5879
Emergency telephone number	:	+49 (0)180 / 23 24-555
Use of the Substance / Preparation	:	For dental use only.

2. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

The preparation contains:
coating powder on the base:
Vitreous porcelain
Pigments

Information on ingredients / Hazardous components

• propan-2-ol		13% - 23%	
CAS-No.	67-63-0	EC-No.	200-661-7
	F; R11		
	Xi; R36		
	R67		
• isobutane		45% - 65%	
CAS-No.	75-28-5	EC-No.	200-857-2
	F+; R12		

See chapter 16 for text of risk phrases

3. HAZARDS IDENTIFICATION

Risk of bursting when overheated.
Do not heat above 50 °C.
Inhalation of ceramic dust (quartz dust) can cause silicosis.

SAFETY DATA SHEET (91/155/EWG)**DeguDent**

A Dentsply International Company

Cercon ceram kiss Spray Glaze**LFC Spray Glaze**

Material no.		Version	1.1 / GB
Specification	158812	Release Date	29.03.2007
VA-Nr		Print Date	29.03.2007
		Page	2 / 7

4. FIRST AID MEASURES**General advice**

Health injuries are not known or expected under normal use.
The following actions are those for any chemicals which have no obvious health effects.
Take care of your own personal safety.
Move out of dangerous area.

Inhalation

If spray mist has been inhaled
Take affected persons out into the fresh air.
If symptoms persist, call a physician.

Skin contact

Product is generally not a skin irritant.
Upon skin contact, wash with plenty of water and soap.
In the case of skin irritation or allergic reactions see a physician.

Eye contact

Rinse thoroughly with plenty of water keeping eyelid open.
In case of persistent discomfort: Consult an ophthalmologist.
Possible discomfort is due to foreign substance effect.

Ingestion

Ingestion by swallowing is not considered a possible mode of exposure.
Have the mouth rinsed with water.

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

All extinguishing substances suitable.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Remove all sources of ignition. Ventilate the area.

Environmental precautions

Stop gas leak if this can be done at no risk.
Prevent substance from entering sewers, cellars, trenches, pits or other places in which a collection of gas could be dangerous

Methods for cleaning up

Absorb mechanically avoiding production of dust.

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

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50 °C. Also after use, do not open with force or burn.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep away from children.

SAFETY DATA SHEET (91/155/EWG)**DeguDent**

A Dentsply International Company

**Cercon ceram kiss Spray Glaze
LFC Spray Glaze**

Material no.		Version	1.1 / GB
Specification	158812	Release Date	29.03.2007
VA-Nr		Print Date	29.03.2007
		Page	3 / 7

Advice on protection against fire and explosion

Product is flammable.

Do not spray on a naked flame or any other incandescent material.

Keep away from open flames, hot surfaces and sources of ignition.

Storage**Requirements for storage areas and containers**

Keep in a cool, well-ventilated place.

BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50°. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

German storage class

2B - Compressed Gas (Aerosol cans)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters**• **propan-2-ol**

CAS-No.	67-63-0	EC-No.	200-661-7
Control parameters	400 ppm 999 mg/m ³		Time Weighted Average (TWA):(EH40 WEL)
Control parameters	500 ppm 1250 mg/m ³		Short Term Exposure Limit (STEL):(EH40 WEL)

Engineering measures

Ensure that there is suitable air extraction / ventilation in the workplace or at the working machines. If necessary extractor suction on specific objects.

Personal protective equipment**Respiratory protection**

Do not inhale aerosol.

Dust protection mask in accordance with EN 149 FFP2

Hand protection

not required

Avoid contact with skin, eyes and clothing.

Eye protection

tightly fitting safety goggles

Hygiene measures

The usual precautionary measures for dealing with chemicals should be observed. No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	aerosol compressed liquefied gas
Colour	colourless - white
Odour	alcoholic

SAFETY DATA SHEET (91/155/EWG)**DeguDent**

A Dentsply International Company

Cercon ceram kiss Spray Glaze**LFC Spray Glaze**

Material no.		Version	1.1 / GB
Specification	158812	Release Date	29.03.2007
VA-Nr		Print Date	29.03.2007
		Page	4 / 7

Safety data

pH	not determined
Melting point/range	-88 °C
	related to substance: 2-propanol
	-160 °C
	related to substance: isobutane
Boiling point/range	82 °C
	related to substance: 2-propanol
	-12 °C
	related to substance: isobutane
Flash point	12 °C
	related to substance: 2-propanol
	-83 °C
	related to substance: isobutane
Ignition temperature	425 °C
	related to substance: 2-propanol
	460 °C
	related to substance: isobutane
Explosiveness	Risk of bursting when overheated. Do not heat above 50 °C.
Lower explosion limit	2.0 %(V)
	related to substance: 2-propanol
	1.5 %(V)
	related to substance: isobutane
Upper explosion limit	13.4 %(V)
	related to substance: 2-propanol
	9.4 %(V)
	related to substance: isobutane
Vapour pressure	2.96 bar (20 °C)
	related to substance: isobutane
	4.03 bar (30 °C)
	related to substance: isobutane
	6.78 bar (50 °C)
	related to substance: isobutane
Density	ca. 0.0026 g/cm ³
	gaseous
	related to substance: isobutane
Relative density	ca. 2.1

SAFETY DATA SHEET (91/155/EWG)**DeguDent**

A Dentsply International Company

Cercon ceram kiss Spray Glaze**LFC Spray Glaze**

Material no.		Version	1.1 / GB
Specification	158812	Release Date	29.03.2007
VA-Nr		Print Date	29.03.2007
		Page	5 / 7

gaseous state (air = 1)

Water solubility

Contains water-soluble components.
related to substance: 2-propanol**10. STABILITY AND REACTIVITY**

Conditions to avoid

temperatures: > 50 °C
Risk of bursting when overheated.

Materials to avoid

strong oxidizing agents

Hazardous decomposition products

No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION*No results of animal experiments with this preparation are available.*

Acute oral toxicity

no data available

Acute inhalation toxicity

no data available

Acute dermal toxicity

no data available

Skin irritation

not irritating

Eye irritation

Product dust may cause temporary mechanical eye irritation.

irritating

related to substance: 2-propanol

not irritating

related to substance: isobutane

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)****Behaviour in environmental compartments****Ecotoxicity effects***Ecotoxicological tests with this preparation are not available.***13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

SAFETY DATA SHEET (91/155/EWG)**DeguDent**

A Dentsply International Company

Cercon ceram kiss Spray Glaze**LFC Spray Glaze**

Material no.		Version	1.1 / GB
Specification	158812	Release Date	29.03.2007
VA-Nr		Print Date	29.03.2007
		Page	6 / 7

14. TRANSPORT INFORMATION**Land transport ADR/RID/GGVSE (Germany)**

Class	2
ADR/RID-Labels	2.1
UN-No	1950
Packaging group	
orange warning plate	/ 1950
Description of the goods (Technical name)	
AEROSOLS	

Sea transport IMDG-Code/GGVSee

Class	2.1
UN-No	1950
Packaging group	
EmS	F-D, S-U
Proper technical name (Proper shipping name)	
AEROSOLS	

Air transport ICAO-TI/IATA-DGR

Class	2.1
UN-No	1950
Packaging group	
Proper technical name (Proper shipping name)	
Aerosols, flammable	

Inland waterway transport ADN/ADNR/GGVBinSch (Germany)

Class	2
ADR/RID-Labels	2.1
UN-No / Substance number	1950
Packaging group	
Description of the goods (Technical name)	
AEROSOLS	

Loading instructions/Remarks

IATA_C	ERG-Code 10L
IATA_P	ERG-Code 10L

15. REGULATORY INFORMATION**Labelling according to EC Directives****hazard-defining component(s)**

- propan-2-ol
- isobutane

Symbol(s)	F+ Xi	Extremely flammable Irritant
R-phrase(s)	R12 R36	Extremely flammable. Irritating to eyes.
S-phrase(s)	S23	Do not breathe spray.

