

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071341742

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071338680 071341759

**SAFETY DATA SHEET (EC 1907/2006)****Dentsply Sirona Universal Spray Glaze****Dentsply Sirona Univ. Spray Glaze Fluo**

Version: **1.1 / GB**  
Revision date: **09.11.2020**  
Issue date: **04.06.2020**  
replaces version: **1.0**  
Page: **1 / 9**

Material no.  
Specification **187855**  
VA-Nr **01863090**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name Dentsply Sirona Universal Spray Glaze  
Dentsply Sirona Univ. Spray Glaze Fluo

REACH Registration No.: if available listed in Chapter. 3

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Relevant applications identified For dental use only.

**1.3. Details of the supplier of the safety data sheet**

Company DeguDent GmbH  
Postfach 1364  
D-63403 Hanau  
  
Telephone +49 (0)6181/59-5576  
Telefax +49 (0)6181/59-5879  
Email address SDB.Degudent-DE@dentsplysirona.com

**1.4. Emergency telephone number**

Emergency information +49 (0)6181/59-50 (This telephone number is available during office hours only.)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Aerosols	Category 1	H222, H229
Eye irritation	Category 2	H319

**2.2. Label elements****Labelling as per (EU) 1272/2008**

Statutory basis EU-CLP as per Regulation (EU) No. 1272/2008, Annex VI  
Hazard pictograms



**SAFETY DATA SHEET (EC 1907/2006)****Dentsply Sirona Universal Spray Glaze  
Dentsply Sirona Univ. Spray Glaze Fluo**

Version: **1.1 / GB**  
Revision date: **09.11.2020**  
Issue date: **04.06.2020**  
replaces version: **1.0**  
Page: **2 / 9**

Material no.  
Specification **187855**  
VA-Nr **01863090**



Signal word	Danger
Hazard statement	H222 - Extremely flammable aerosol. H229 - Pressurised container: May burst if heated. H319 - Causes serious eye irritation.
Precautionary statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Do not pierce or burn, even after use. P271 - Use only outdoors or in a well-ventilated area.
Precautionary statement: Reaction	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary statement: Storage	P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

**2.3. Other hazards**

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

A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

**SECTION 3: Composition/information on ingredients****Chemical nature**

The mixture contains:, Vitreous porcelain

**3.1. Substances**

-

**3.2. Mixtures**

**Information on ingredients / Hazardous components as per EU-CLP Regulation (EC) No. 1272/2008**

• propan-2-ol		>= 10% - <= 20%			
CAS-No.	67-63-0	EC-No.	200-661-7	Category 2	H225
Flammable liquids				Category 2	H319
Serious eye damage/eye irritation				Category 3	H336
Specific Target Organ Toxicity - Single exposure					
• isobutane		>= 60% - <= 80%			
CAS-No.	75-28-5	EC-No.	200-857-2	Category 1	H220
Flammable gases				Type C	H280
Gases under pressure					

Texts of H phrases, see in Chapter 16

**SECTION 4: First aid measures****4.1. Description of first aid measures**

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.

# SAFETY DATA SHEET (EC 1907/2006)

## Dentsply Sirona Universal Spray Glaze Dentsply Sirona Univ. Spray Glaze Fluo

Version: 1.1 / GB  
Revision date: 09.11.2020  
Issue date: 04.06.2020  
replaces version: 1.0  
Page: 3 / 9

Material no.  
Specification 187855  
VA-Nr 01863090



### Inhalation

If spray mist has been inhaled  
Move victims into 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.

## 4.2. Most important symptoms and effects, both acute and delayed

### Symptoms

No information available.

## 4.3. Indication of any immediate medical attention and special treatment needed

No hazards which require special first aid measures.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO<sub>2</sub>)  
powder  
Water spray jet

Unsuitable extinguishing media: not known

### 5.2. Special hazards arising from the substance or mixture

Formation of flammable or explosive vapour/air mixtures possible.  
Combustible air-vapour mixtures are heavier than the air and spread along the floor. Ignition from a considerable distance is possible.

### 5.3. Advice for firefighters

wear a self contained respiratory apparatus

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ventilate the area.

### 6.2. 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

### 6.3. Methods and material for containment and cleaning up

Absorb mechanically avoiding production of dust.

### 6.4. Reference to other sections

Wear personal protective equipment; see section 8.  
Disposal considerations; see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

**SAFETY DATA SHEET (EC 1907/2006)****Dentsply Sirona Universal Spray Glaze****Dentsply Sirona Univ. Spray Glaze Fluo**

Version: **1.1 / GB**  
Revision date: **09.11.2020**  
Issue date: **04.06.2020**  
replaces version: **1.0**  
Page: **4 / 9**

Material no.  
Specification **187855**  
VA-Nr **01863090**



Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep away from children.

**7.2. Conditions for safe storage, including any incompatibilities****Advice on protection against fire and explosion**

Product is flammable.

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

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

**Storage**

Keep in a cool, well-ventilated place.

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

Store in original container.

**German storage class**

2B - Aerosols

**7.3. Specific end use(s)**

We are unaware of any specific end uses which go beyond the data reported in Section 1.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

• propan-2-ol			
CAS-No.	67-63-0	EC-No.	200-661-7
Control parameters	500 ppm 1250 mg/m3		Short Term Exposure Limit (STEL):(EH40 WEL)
Control parameters	400 ppm 999 mg/m3		Time Weighted Average (TWA):(EH40 WEL)

**8.2. Exposure controls****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/face 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.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

Form aerosol  
Colour off-white

Odour characteristic

Odour threshold: no data available

**SAFETY DATA SHEET (EC 1907/2006)****Dentsply Sirona Universal Spray Glaze****Dentsply Sirona Univ. Spray Glaze Fluo**

Version: **1.1 / GB**  
Revision date: **09.11.2020**  
Issue date: **04.06.2020**  
replaces version: **1.0**  
Page: **5 / 9**

Material no.  
Specification **187855**  
VA-Nr **01863090**



pH	not applicable
Melting point/range	580 °C
Boiling point/range	-11 °C
	Related to substance: isobutane
Flash point	not applicable
Evaporation rate	no data available
Flammability (solid, gas)	Flammable gas.
Lower explosion limit	1.8 %(V)
Upper explosion limit	12 %(V)
Vapour pressure	3000 hPa (20 °C)
Vapour density	no data available
Density	not determined
Relative density	no data available
Water solubility	immiscible
Partition coefficient: n-octanol/water	no data available
Autoinflammability	not auto-flammable
Viscosity, dynamic	not applicable
Viscosity, kinematic	not applicable
Explosiveness	Risk of bursting when overheated., Do not heat above 50 °C.

**9.2. Other information**

Ignition temperature	460 °C
Metal corrosion	no data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Vapours may form explosive mixture with air.

**10.2. Chemical stability**

Under normal conditions: stable.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions Heating can release vapours which can be ignited., In use, may form flammable/explosive vapour-air mixture.

**10.4. Conditions to avoid**

temperatures: > 50 °C

**SAFETY DATA SHEET (EC 1907/2006)****Dentsply Sirona Universal Spray Glaze****Dentsply Sirona Univ. Spray Glaze Fluo**

Version: **1.1 / GB**  
Revision date: **09.11.2020**  
Issue date: **04.06.2020**  
replaces version: **1.0**  
Page: **6 / 9**

Material no.  
Specification **187855**  
VA-Nr **01863090**



Risk of bursting when overheated.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

None known

---

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

*Animal experiment studies focusing on this formulation are not available.*

Acute oral toxicity no data available

Acute inhalation toxicity no data available

Acute dermal toxicity no data available

Skin irritation no data available

Eye irritation Product dust may cause temporary mechanical eye irritation.

Sensitization no data available

Assessment of STOT single exposure Based on available data, the classification criteria are not met.

Assessment of STOT repeat exposure Based on available data, the classification criteria are not met.

Risk of aspiration toxicity No aspiration toxicity classification

---

**SECTION 12: Ecological information****12.1. Toxicity**

*Ecotoxicological tests with this preparation are not available.*

**12.2. Persistence and degradability**

Biodegradability no data available

**12.3. Bioaccumulative potential**

Bioaccumulation The availability of the substance for bioaccumulation in natural bodies of water is clearly limited due to its pronounced tendency to volatilize.

**12.4. Mobility in soil**

Mobility No data available

**12.5. Results of PBT and vPvB assessment**

A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

**12.6. Other adverse effects**

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

**SAFETY DATA SHEET (EC 1907/2006)****Dentsply Sirona Universal Spray Glaze****Dentsply Sirona Univ. Spray Glaze Fluo**

Version: **1.1 / GB**  
Revision date: **09.11.2020**  
Issue date: **04.06.2020**  
replaces version: **1.0**  
Page: **7 / 9**

Material no.  
Specification **187855**  
VA-Nr **01863090**

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Product**

Disposal according to local authority regulations.

**Uncleaned packaging**

Disposal according to local authority regulations.

**SECTION 14: Transport information****Transport on land (ADR/RID/GGVSEB)**

- 14.1. UN number: UN 1950  
14.2. UN proper shipping name: AEROSOLS  
14.3. Transport hazard class(es): 2  
14.4. Packing group: --  
14.5. Environmental hazards: --  
14.6. Special precautions for user: Yes  
ADR: Tunnel Restriction Code: (D)

**Inland waterway transport (ADN/GGVSEB (Germany))**

- 14.1. UN number: UN 1950  
14.2. UN proper shipping name: AEROSOLS  
14.3. Transport hazard class(es): 2  
14.4. Packing group: --  
14.5. Environmental hazards: --  
14.6. Special precautions for user: No

**Air transport ICAO-TI/IATA-DGR**

- 14.1. UN number: UN 1950  
14.2. UN proper shipping name: Aerosols, flammable  
14.3. Transport hazard class(es): 2.1  
14.4. Packing group: --  
14.5. Environmental hazards: --  
14.6. Special precautions for user: Yes  
IATA-C: ERG-Code 10L  
IATA-P: ERG-Code 10L

**Sea transport IMDG-Code/GGVSee (Germany)**

- 14.1. UN number: UN 1950  
14.2. UN proper shipping name: AEROSOLS  
14.3. Transport hazard class(es): 2.1  
14.4. Packing group: --  
14.5. Environmental hazards: --  
14.6. Special precautions for user: No  
EmS: F-D,S-U

- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:  
for transportapproval see regulatory information

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National legislation****15.2. Chemical safety assessment**



**SAFETY DATA SHEET (EC 1907/2006)****Dentsply Sirona Universal Spray Glaze****Dentsply Sirona Univ. Spray Glaze Fluo**

Version: **1.1 / GB**  
Revision date: **09.11.2020**  
Issue date: **04.06.2020**  
replaces version: **1.0**  
Page: **8 / 9**

Material no.  
Specification **187855**  
VA-Nr **01863090**



Chemical safety assessment No Chemical Safety Report as per Articles 2(8), 2(9) or 14 of the REACH Regulation is required for this product.

**SECTION 16: Other information**
**Classification and applied procedure to derive the classification of mixtures according to EU Regulation (EC) No. 1272/2008 (CLP)**

Classification	Classification procedure
Aerosol, 1 , H222, H229 Eye Irrit., 2 , H319	

**Relevant H phrases from chapter 3**

H220 : Extremely flammable gas.  
H225 : Highly flammable liquid and vapour.  
H280 : Contains gas under pressure; may explode if heated.  
H319 : Causes serious eye irritation.  
H336 : May cause drowsiness or dizziness.

**Further information**

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

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

**Legend**

<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ADN</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>ASTM</b>	American Society for Testing and Materials
<b>ATP</b>	Adaptation to Technical Progress
<b>BCF</b>	Bioconcentration factor
<b>BetrSichV</b>	German Ordinance on Industrial Safety and Health
<b>c.c.</b>	closed cup
<b>CAS</b>	Chemical Abstract Services
<b>CESIO</b>	European Committee of Organic Surfactants and their Intermediates
<b>ChemG</b>	German Chemicals Act
<b>CMR</b>	carcinogenic-mutagenic-toxic for reproduction
<b>DIN</b>	German Institute for Standardization
<b>DMEL</b>	Derived minimum effect level
<b>DNEL</b>	Derived no effect level
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>EC50</b>	half maximal effective concentration
<b>GefStoffV</b>	German Ordinance on Hazardous Substances
<b>GGVSEB</b>	German ordinance for road, rail and inland waterway transportation of dangerous goods
<b>GGVSee</b>	German ordinance for sea transportation of dangerous goods
<b>GLP</b>	Good Laboratory Practice
<b>GMO</b>	Genetic Modified Organism
<b>IATA</b>	International Air Transport Association

**SAFETY DATA SHEET (EC 1907/2006)****Dentsply Sirona Universal Spray Glaze****Dentsply Sirona Univ. Spray Glaze Fluo**

Version: **1.1 / GB**  
Revision date: **09.11.2020**  
Issue date: **04.06.2020**  
replaces version: **1.0**  
Page: **9 / 9**

Material no.  
Specification **187855**  
VA-Nr **01863090**



<b>ICAO</b>	International Civil Aviation Organization
<b>IMDG</b>	International Maritime Dangerous Goods
<b>ISO</b>	International Organization For Standardization
<b>LOAEL</b>	Lowest observed adverse effect level
<b>LOEL</b>	Lowest observed effect level
<b>NOAEL</b>	No observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>o. c.</b>	open cup
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent, bioaccumulative, toxic
<b>PEC</b>	Predicted effect concentration
<b>PNEC</b>	Predicted no effect concentration
<b>REACH</b>	REACH registration
<b>RID</b>	Convention concerning International Carriage by Rail
<b>STOT</b>	Specific Target Organ Toxicity
<b>SVHC</b>	Substances of Very High Concern
<b>TA</b>	Technical Instructions
<b>TPR</b>	Third Party Representative (Art. 4)
<b>TRGS</b>	Technical Rules for Hazardous Substances
<b>VCi</b>	German chemical industry association
<b>vPvB</b>	very persistent, very bioaccumulative
<b>VOC</b>	volatile organic compounds
<b>VwVwS</b>	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
<b>WGK</b>	Water Hazard Class
<b>WHO</b>	World Health Organization