

# Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 05/25/2013

Reviewed on 05/25/2013

## 1 Identification of substance

### Product details

**Trade name:** APOLLO DI SpeedSpray

**Application of the substance / the preparation:** Auxiliary for manufacture of dental prosthesis

### Manufacturer/Supplier:

Sirona Dental Systems GmbH Fabrikstrasse 31

D-64625 Bensheim - Deutschland [www.sirona.com](http://www.sirona.com)

Tel.:+49 (0) 6251/16 3440

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## 2 Composition/Data on components

### Chemical characterization

**Description:** Mixture of the substances listed below with nonhazardous

**Dangerous components:** Ethanol, CAS: 64-17-5, EINECS: 200-578-6, F; R11

## 3 Hazards identification

**Hazard description:** Not applicable.

### Information pertaining to particular dangers for man and environment:

The product has to be labeled due to the calculation procedure of international guidelines. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Keep out of the reach of children.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

### NFPA ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 1

### HMIS-ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 1

### Prevention:

Pressurized container: Do not pierce or burn, even after use.

Avoid release to the environment.

### Storage:

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

## 4 First aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

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**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

## 5 Fire fighting measures

**Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards caused by the material, its products of combustion or resulting gases:**

Hydrogen fluoride (HF)

**Protective equipment:** Do not inhale explosion gases or combustion gases

## 6 Accidental release measures

**Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

**Measures for environmental protection:**

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

**Measures for cleaning/collecting:** Absorb liquid components with liquid-binding material.

## 7 Handling and storage

**Handling:**

**Information for safe handling:** Keep away from heat and direct sunlight.

**Information about protection against explosions and fires:**

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

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

**Storage:**

**Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurized containers.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

## 8 Exposure controls and personal protection

**Additional information about design of technical systems:** No further data; see item 7.

**Components with limit values that require monitoring at the workplace:**

64-17-5 ethanol

PEL 1900 mg/m<sup>3</sup>, 1000 ppm

REL 1900 mg/m<sup>3</sup>, 1000 ppm

TLV Short-term value: 1880 mg/m<sup>3</sup>, NIC-1000 ppm

Long-term value: 1880 mg/m<sup>3</sup>, 1000 ppm

NIC-A3

**Additional information:** The lists that were valid during the creation were used as basis.

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## Personal protective equipment:

**General protective and hygienic measures:** Wash hands before breaks and at the end of work.

**Breathing equipment:** Not required.

## Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

## Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

As protection from splashes gloves made of the following materials are suitable: Butyl rubber, BR  
Eye protection: Not required.

## 9 Physical and chemical properties

### General Information:

**Form:** Aerosol

**Color:** According to product specification

**Odor:** Characteristic

### Change in condition:

**Melting point/Melting range:** Undetermined. Boiling point/Boiling range: -16°C (3°F)

**Flash point:** Not applicable, as aerosol.

**Auto igniting:** Product is not self-igniting.

**Danger of explosion:** Product does not present an explosion hazard.

**Vapor pressure at 20°C (68°F):** 5200 hPa (3900 mm Hg)

**Density at 20°C (68°F):** 1.3 g/cm<sup>3</sup>

**Solubility in / Miscibility with Water:** Not miscible or difficult to mix.

### Solvent content:

**VOC content:** 2 %

**Solids content:** <7 %

## 10 Stability and reactivity

### Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

**Dangerous reactions:** No dangerous reactions known.

**Dangerous products of decomposition:** No dangerous decomposition products known.

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## 11 Toxicological information

**Acute toxicity:****Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** No irritating effect.**Sensitization:** No sensitizing effects known.

## 12 Ecological information

Do not allow product to reach ground water, water course or sewage system.

## 13 Disposal considerations

**Product:****Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

**DOT regulations:****Hazard class:** 2.2**Land transport ADR/RID (cross-border):****ADR/RID class:** 2.2 5A**UN-Number:** 1950**Description of goods:** 1950 AEROSOLS**Maritime transport IMDG:****IMDG Class:** 2.2**UN Number:** 1950**EMS Number:** F-D, S-U**Marine pollutant:** No**Proper shipping name:** AEROSOLS**Air transport ICAO-TI and IATA-DGR:**

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**ICAO/IATA Class:** 2.2  
**UN/ID Number:** 1950  
**Proper shipping name:** AEROSOLS, non-flammable  
**UN "Model Regulation":** UN1950, AEROSOLS, 2.1

## 15 Regulations

*Sara***Section 355 (extremely hazardous substances):** None of the ingredients is listed.**Section 313 (Specific toxic chemical listings):** None of the ingredients is listed.**TSCA (Toxic Substances Control Act):** All ingredients are listed.**Proposition 65****Chemicals known to cause cancer:** None of the ingredients is listed.**Chemicals known to cause reproductive toxicity for females:** None of the ingredients is listed.**Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed.**Chemicals known to cause developmental toxicity:** 64-17-5 ethanol**Cancerogenity categories:****EPA (Environmental Protection Agency):** None of the ingredients is listed.**IARC (International Agency for Research on Cancer):** None of the ingredients is listed.**NTP (National Toxicology Program):** None of the ingredients is listed.**TLV (Threshold Limit Value established by ACGIH):** 64-17-5 ethanol A4**NIOSH-Ca (National Institute for Occupational Safety and Health):** None of the ingredients is listed.**OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients is listed.**Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

**Risk phrases:** -**Special labeling of certain preparations:****Pressurized container:** protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. 3 % by mass of the contents are flammable  
Keep out of the reach of children.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.