

**Safety Data Sheet**

according to WHMIS

**VITA Powder Scan Spray**

Revision date: 20.12.2016

Product code: 311-CA

Page 1 of 6

**1. Identification****Product identifier**

VITA Powder Scan Spray

**Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Auxiliary for manufacture of dental products

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

Company name: PRISMAN GmbH  
Street: Otto-Hahn-Ring 6-18  
Place: 64653 Lorsch  
Telephone: ++49 (0) 6251 866980-0  
e-mail (Contact person): Metz@prisman.de  
Responsible Department: Abteilung Produktsicherheit

**Emergency telephone number:** ++49 (0) 6251 866980-0**Further Information**

medical device

**2. Hazard identification****Classification of the substance or mixture****WHMIS 2015**

This mixture is not classified as hazardous in accordance with WHMIS 2015.

**Label elements****Other hazards**

No information available.

**3. Composition/information on ingredients****Mixtures****Chemical characterization**

Mixtures

**Hazardous components**

CAS No	Chemical name	Quantity
109-66-0	pentane	5 - < 10 %

**4. First-aid measures****Description of first aid measures****After inhalation**

Provide fresh air.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

**Most important symptoms and effects, whether acute or delayed**

No information available.

**Indication of immediate medical attention and special treatment needed**

Treat symptomatically.

**Safety Data Sheet**

according to WHMIS

**VITA Powder Scan Spray**

Revision date: 20.12.2016

Product code: 311-CA

Page 2 of 6

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

**Specific hazards arising from the hazardous product**

Non-flammable. Heating causes rise in pressure with risk of bursting. Hydrogen fluoride

**Special protective equipment and precautions for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment.

**Environmental precautions**

Do not allow uncontrolled discharge of product into the environment.

**Methods and material for containment and cleaning up**

Ventilate affected area.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Further information on handling**

Heating causes rise in pressure with risk of bursting. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Hints on joint storage**

No special measures are necessary.

**8. Exposure controls/Personal protection****Control parameters****Exposure controls**

# Safety Data Sheet

according to WHMIS

## VITA Powder Scan Spray

Revision date: 20.12.2016

Product code: 311-CA

Page 3 of 6

### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

### Eye/face protection

Eye protection: not required.

### Hand protection

Recommended glove articles NBR (Nitrile rubber) Butyl caoutchouc (butyl rubber) When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### Skin protection

Wear suitable protective clothing.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	gaseous
Colour:	
Odour:	characteristic
pH-Value:	not determined

### Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	-16 °C
Flash point:	nicht entflammbar

### Flammability

Solid:	not applicable
Gas:	not determined
Lower explosive limits:	not determined
Upper explosive limits:	not determined

### Auto-ignition temperature

Solid:	not applicable
Gas:	not determined
Decomposition temperature:	not determined

### Oxidizing properties

Not oxidising.

Vapour pressure: (at 20 °C)	5200 hPa
Density:	1,30000 g/cm³
Water solubility:	No

### Solubility in other solvents

not determined

Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

# Safety Data Sheet

according to WHMIS

## VITA Powder Scan Spray

Revision date: 20.12.2016

Product code: 311-CA

Page 4 of 6

Solvent content:

11,40 %

### Other information

Solid content:

6,1 %

## 10. Stability and reactivity

### Reactivity

No hazardous reaction when handled and stored according to provisions.

### Chemical stability

The product is stable under storage at normal ambient temperatures.

### Possibility of hazardous reactions

No known hazardous reactions.

### Conditions to avoid

none

### Incompatible materials

No information available.

### Hazardous decomposition products

No known hazardous decomposition products.

## 11. Toxicological information

### Information on toxicological effects

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
109-66-0	pentane				
	inhalation (4 h) vapour	LC50	364 mg/l	Rat	GESTIS

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

#### **Sensitizing effects**

Based on available data, the classification criteria are not met.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

#### **STOT-single exposure**

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

## 12. Ecological information

### Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Persistence and degradability

The product has not been tested.

### Bioaccumulative potential

**Safety Data Sheet**

according to WHMIS

**VITA Powder Scan Spray**

Revision date: 20.12.2016

Product code: 311-CA

Page 5 of 6

The product has not been tested.

**Mobility in soil**

The product has not been tested.

**Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**13. Disposal considerations****Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Waste requires monitoring. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**14. Transport information****Marine transport (IMDG)**

<b><u>UN number:</u></b>	UN 1950
<b><u>United Nations proper shipping name:</u></b>	AEROSOLS
<b><u>Transport hazard class(es):</u></b>	2.2
<b><u>Packing group:</u></b>	-
Hazard label:	2.2



Marine pollutant:	Nein
EmS:	F-D,S-U

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

<b><u>UN number:</u></b>	UN 1950
<b><u>United Nations proper shipping name:</u></b>	Aerosols, non-flammable
<b><u>Transport hazard class(es):</u></b>	2.2
<b><u>Packing group:</u></b>	-
Hazard label:	2.2

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS:	no
----------------------------	----

**15. Regulatory information****Canadian regulations**

**Safety Data Sheet**

according to WHMIS

**VITA Powder Scan Spray**

Revision date: 20.12.2016

Product code: 311-CA

Page 6 of 6

**16. Other information****Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

---

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*