

Safety Data Sheet

according to WHMIS

VITA Powder Scan Spray

Revision date: 20.12.2016

Product code: 311-CA

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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.

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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



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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/cm ³	
Water solubility:	No	
Solubility in other solvents	not determined	
Partition coefficient:	not determined	
Vapour density:	not determined	
Evaporation rate:	not determined	

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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

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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)

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



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

Air transport (ICAO-TI/IATA-DGR)

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



Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	no
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15. Regulatory information

Canadian regulations

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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.)