

Material Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision:05

Revision Date: 22.08.2024

Print Date : 08.01 2018



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

PROSHIELD VARNISH– Cavity Varnish

Details of the supplier of the safety data sheet

Company Name: President Dental GmbH

Street: Kesselbodenstrasse 5

Zip-Code / Town/ Country: 85391 , Allershausen, Germany

Contact for technical information: +49 (0) 230 39228772

Phone / Fax / E-Mail: +49 (0) 8166 389 9 820 / +49 (0) 8166 389 9 821 / info@presidentdental.com

1.2. Emergency Telephone Number

+49 (0) 8166 389 9 820 (8.00 am – 4.30 pm Mon-Fri)

SECTION 2: Hazards identification

Irritation to eyes, respiratory system and skin. May cause sensitization by skin contact. Maybe harmful if swallowed.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Hazardous Ingredient	Concentration	CAS No.	Further Information
Rosin acids, hydrogenated, sodium salt	45~65%	68990-02-3	None
Glycerol ester of hydrogenated rosin	15~35%	65997-13-9	None
Sodium fluoride	4~6%	7681-49-4	None
Xylitol	0.5~2.0%	87-99-0	None
Tricalcium phosphate	0.5~2.0%	7758-87-4	None

SECTION 4: First aid measures

4.1. Description of First Aid Measures

Eye Contact	Rinse immediately with plenty of water and seek medical advice.
Skin Contact	Wash immediately with water and soap. Get medical attention.
Ingestion	Immediately get medical attention.
Inhalation	Move victim to fresh air. Put victim at rest and keep warm.

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SECTION 5: Fire Fighting Measures

5.1. Extinguishing media

Extinguishing Media	Water fog, CO2, foam, dry chemical
Unusual Fire and Explosion Hazard	Upon Combustion Irritating Gases may form

SECTION 6: Accidental release measures

Personal Precautions	Wear suitable protective clothing. Provide adequate ventilation
Environmental precautions	Do not empty into drains or the aquatic environment
Methods for cleaning up/taking up	Collect mechanically

SECTION 7: Handling and storage

Handling:	Keep away from heat. Avoid breathing of vapor, mists or spray. Avoid eye contact. Avoid prolonged or repeated skin contact. Wash hands after handling and before eating.
Storage:	Store in a cool place.

SECTION 8: Exposure controls/personal protection

Respiratory Protection:	Under normal use conditions, respiratory protection not required
Eye Protection:	Avoid eye contact. Tightly sealed safety glasses
Hand Protection:	Latex Glove
Skin Protection:	Avoid skin contact. Protective clothing

SECTION 9: Physical and chemical properties

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Physical state:	Liquid
Colour:	Clear or white
Odour:	Bubblegum, strawberry, melon or mint
Boiling point:	N/A
Flash point:	N/A
Vapour pressure:	N/A
(at 20 °C)	
Specific Gravity:	>1[Ref Std: Water=1]
Evaporation Rate	N/A
Solubility in Water	Slightly soluble
pH	N/A
Viscosity	N/A

SECTION 10: Stability and reactivity

Stability	Stable under normal condition
Material and Condition to Avoid	Strong oxidizing agents, Strong acids, Heat

SECTION 11: Toxicological information

Acute Toxicity	Nontoxicity
Irritant Effects	Frequently or prolonged contact with skin may cause irritation Irritant effect on the eye
Eye Contact	Irritant effect on the eye
Sensitization	May cause sensitization by skin contact

SECTION 12: Ecological information

Ecotoxicological Information	No data available
Chemical Fate Information	No data available

SECTION 13: Disposal considerations

Waste Disposal Method:	Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge
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SECTION 14: Transport information

No hazardous materials with respect to these transportation regulations.

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

This MSDS is taken from raw material MSDS and manufacturer's knowledge and experience. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.