

**SAFETY DATA SHEET (GHS)**

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**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE/PRODUCT AND MANUFACTURER/IMPORTER****1.1 Product identifier:-**

**Product name:** | IPS Natural Die Material  
**Product number:** | Void

**1.2 Other means of identification:-**

Not applicable.

**1.3 Recommended use of the chemical and restrictions on use:-**

Not applicable.

**Identified uses:** | Light-curing shaded die materials

**1.4 Details of the manufacturer and importer:-**

**Manufacturer:** | Ivoclar Vivadent AG  
 Bendorerstrasse 2  
 FL-9494 Schaan  
 PRINCIPALITY OF LIECHTENSTEIN  
 Tel: +423 235 35 35  
 Fax: +423 235 33 60

**Importer:** | Ivoclar Vivadent Ltd  
 12 Omega St, Rosedale, Auckland, New Zealand  
 Phone +64 9 914 9999 Fax +64 9 914 9990  
 www.ivoclarvivadent.co.nz  
 0800 764 766 (National Poison Centre)  
 Poisons Hotline (24 hours / 7 days)

**1.5 Emergency phone number:****2. HAZARD(S) IDENTIFICATION****2.1 GHS Classification:-**

Void

**2.2 GHS Label elements, including precautionary statements:-**

**Hazard Pictogram:** | Void

**Signal word:** | Void

**Hazard-determining components of labelling:** | Void

**Hazard statements:** | Void

**Precautionary statements:** | Void

**2.3 Additional information: Void**

**Other hazards:-** | Avoid breathing sanding dust /swarf

**Results of PBT and vPvB assessment;** | **PBT:** | Not applicable.

| **vPvB:** | Not applicable.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture of substances listed below with nonhazardous additions.

Ingredient name	CAS No.	Classification	Concentration
Paraffin oils	8012-95-1	Eye Irrit. 2, H319	3-<10%

**4. FIRST AID MEASURES****4.1 Description of necessary first aid measures:-**

**If inhaled:** | Supply fresh air; consult doctor in case of complaints.  
 In case of unconsciousness place patient stably in side position for transportation

**In case of skin contact:**

Rinse with water.

**In case of eye contact:**

Generally the product does not irritate the skin

Rinse opened eye for several minutes under running water.

**If swallowed:**

If symptoms persist, consult a doctor

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

**4.2 Symptoms caused by exposure:-**

No further relevant information available

**4.3 Medical attention and special treatment:-**

No further relevant information available.

**5. FIRE FIGHTING MEASURES**

**5.1 Suitable extinguishing equipment:-**

**Suitable extinguishing media:**

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable extinguishing media:**

No further relevant information available.

**5.2 Specific hazards arising from the substance/mixture/product:-**

No further relevant information available.

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

**Special personal protective equipment:**

No further relevant information available

**Precautions:**

No further relevant information available

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures:-**

Particular danger of slipping on leaked/spilled product.

**6.2 Environmental precautions:-**

Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and materials for containment and cleaning up:-**

Pick up mechanically

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling:-**

Only adequately trained personnel should handle this product.

For use in dentistry only.

**7.2 Conditions for safe storage, including any incompatibilities:-**

Protect from exposure to the light.

Protect from heat and direct sunlight.

Keep container tightly sealed.

Store only in the original receptacle.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Exposure control measures:-**

**Occupational exposure limits:**

Component	CAS No.	Value	Parameters	Basis
Void	Void	Void	Void	Void

**Ingredients with biological limit values:**

**8.2 Biological monitoring:-**

The lists valid during the making were used as basis.

**Exposure controls / Personal protective equipment / General protective and hygienic measures:**

Usual hygienic measures for dental practice.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

**8.3 Control banding:-**

Use good industrial hygiene practice and general ventilation.

**8.4 Engineering controls:-**

Void

**8.5 Individual protection measures include PPE:-**

**Eye/face protection:**



**Safety glasses**

Required. Use tightly fitting safety glasses as per Australian Standard AS 1336 and AS/NZS 1337.

**Skin protection:**



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. After use of gloves apply skin-cleaning agents and skin cosmetics.

· **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 can not 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.

**Respiratory protection:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**9. PHYSICAL/CHEMICAL PROPERTIES**

**9.1 Information on physical/chemical properties:-**

a)	<b>Appearance/Form:</b>	Pasty
b)	<b>Colour:</b>	According to product specification
c)	<b>Odour:</b>	Characteristic
d)	<b>Odour threshold:</b>	Not determined.
e)	<b>pH value at 20°C:</b>	Not determined.
f)	<b>Melting point/melting range:</b>	Not determined
g)	<b>Boiling point/boiling range:</b>	Not determined.
h)	<b>Flash point:</b>	Not determined
i)	<b>Ignition temperature:</b>	Not determined
j)	<b>Self-igniting:</b>	Product is not self-igniting.
k)	<b>Danger of explosion:</b>	Not determined.
l)	<b>Upper/lower flammability or explosive limits:</b>	Lower   Not determined Upper   Not determined.
m)	<b>Vapour pressure 20°C:</b>	Not determined.
n)	<b>Density at 20°C:</b>	Not determined.

o)	<b>Relative density:</b>	Not determined.
p)	<b>Vapour density:</b>	Not applicable.
q)	<b>Evaporation rate:</b>	Not applicable.
r)	<b>Solubility in/miscibility with water:</b>	Nearly insoluble.
s)	<b>Partition coefficient: n- octanol/water:</b>	Not determined.
t)	<b>Viscosity:</b>	Dynamic   Not applicable. Kinematic   Not applicable.
u)	<b>Solids content:</b>	Not determined.

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity:-**

No further relevant information available.

**10.2 Chemical stability:-**

Stable under normal handling and storage conditions.  
Photoreactive (Danger of polymerization).

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:-**

No dangerous reactions known.

**10.4 Conditions to avoid:-**

Protect from exposure to the light.  
Keep away from heat and direct sunlight

**10.5 Incompatible materials:-**

No further relevant information available.

**10.6 Hazardous decomposition products:-**

None under normal conditions of storage and use.

**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:-**

**Acute toxicity / Values relevant for classification:**

<b>Skin corrosion/irritation:</b>	No irritant effect.
<b>Serious eye damage/eye irritation:</b>	No irritating effect.
<b>Respiratory or skin sensitization:</b>	No sensitising effects known
<b>Germ cell mutagenicity:</b>	No further relevant information available.
<b>Carcinogenicity:</b>	No further relevant information available.
<b>Reproductive toxicity:</b>	No further relevant information available.
<b>Specific target organ toxicity - single exposure:</b>	No further relevant information available.
<b>Specific target organ toxicity - repeated exposure:</b>	No further relevant information available.
<b>Aspiration hazard:</b>	No further relevant information available.
<b>Additional information:</b>	Generally not hazardous for water

**11.2 Information on possible routes of exposure:-**

**Short Term (Acute) Exposure:**

<b>Swallowed:</b>	No further relevant information available.
<b>Eyes:</b>	No further relevant information available.
<b>Skin:</b>	No further relevant information available.
<b>Inhaled:</b>	No further relevant information available.

**Long Term (Chronic) Exposure:**

<b>Swallowed:</b>	No further relevant information available.
<b>Eyes:</b>	No further relevant information available.
<b>Skin:</b>	No further relevant information available.
<b>Inhaled:</b>	No further relevant information available.

**11.3 Early onset symptoms related to**

No further relevant information available.

- exposure:-**
- 11.4 Delayed health effects from exposure:-** No further relevant information available.
- 11.5 Exposure levels and health effects:-** No further relevant information available.
- 11.6 Interactive effects:-** No further relevant information available.
- 11.7 Other:-** No further relevant information available.
- 12. ECOLOGICAL INFORMATION**
- 12.1 Ecotoxicity:-**  
No further relevant information available.
- 12.2 Persistence/degradability:-**  
No further relevant information available.
- 12.3 Bioaccumulative potential:-**  
No further relevant information available.
- 12.4 Mobility in soil:-**  
No further relevant information available.
- 12.5 Other adverse effects:-**  
No further relevant information available.
- Additional ecological information / General notes:-**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 12.6 Other adverse effects:-**  
No further relevant information available.
- 13. DISPOSAL CONSIDERATIONS**
- 13.1 Disposal methods:-**  
Smaller quantities can be disposed of with household waste. Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.
- Uncleaned packaging:  
· **Recommendation:** Disposal must be made according to official regulations.
- 14. TRANSPORT INFORMATION**
- |   |  |
|---|--|
| <b>UN number ADR / IMDG / IATA:-</b>  | Void.  |
| <b>UN proper shipping name or technical name:-</b>                              |  |
| <b>ADR:</b>   | Void.  |
| <b>IMDG, IATA:</b>  | Void.  |
| <b>Transport hazard class(es):</b>  | Void.  |
| <b>Label:</b>   | Void.  |
| <b>Packaging group:</b>   | Void.  |
| <b>Environmental hazards:</b>   | Not applicable.  |
| <b>Special precautions for user:</b>  | Not applicable.  |
| <b>Danger code:</b>   | Void.  |
| <b>EMS Number:</b>  | Void.  |
| <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b> | Not applicable.  |
| <b>Transport/Additional information:</b>  | Product is not classified as a dangerous good for transport (ADR, IMDG, IATA). |
- 15. REGULATORY INFORMATION**
- 15.1 Safety, health and environmental regulations/legislation specific for the substance/mixture/product:-**  
The product is a medical device according to the Directive 93/42/EEC.
- 15.2 Chemical safety assessment:**  
A Chemical Safety Assessment has not been carried out.

## 16. OTHER INFORMATION

**Key to abbreviations/acronyms used in SDS:-** | H319 Causes serious eye irritation

**Key literature references/data sources used to compile SDS:-**

Void

### Copyright statement:-

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.

### 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 Harmonised 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 (division of the American Chemical Society).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

Flam. Liq. 2: Flammable liquids, Hazard Category 2.

Flam. Liq. 3: Flammable liquids, Hazard Category 3.

Acute Tox. 4: Acute toxicity, Hazard Category 4.

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2.

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2.

Repr. 2: Reproductive toxicity, Hazard Category 2.

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3.

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2.

Asp. Tox. 1: Aspiration hazard, Hazard Category 1.

### Disclaimer:-

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