


1.	Identification of substance and manufacturer's name										
	Product details/Trade name:  HOFFMANN'S ULTRA VIOLET Base, individual custom tray light cure Manufacturer/Supplier: Wangenheimstr. 37/39, D-14193 Berlin Telephone: ++49 (0) 30 / 82 00 99 0 Fax: ++49 (0) 30 / 82 28 14 5 Information department/Emergency information: Quality assurance department e-mail: sicherheit@hoffmann-dental.com										
2.	Composition/Data on ingredients										
	Chemical characterization: Description: Mixture of Tegdma, Urethanacrylat and further innocuous substances.										
	<table border="1"> <thead> <tr> <th colspan="4">Hazardous ingredients:</th> </tr> </thead> <tbody> <tr> <td>CAS: 71549-84-3</td> <td>Urethanacrylate</td> <td>Warning, H315, H319, H335</td> <td>< 10 %</td> </tr> </tbody> </table>			Hazardous ingredients:				CAS: 71549-84-3	Urethanacrylate	Warning, H315, H319, H335	< 10 %
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3.	Hazards identification										
	Special danger warning for human and environment: The product has to be labelled due to the calculation procedure of the „EU-Directive of the General Classification of Preparations“ in the latest valid version. H315: Causes skin irritation. H319: Causes serious eye irritation H335: May cause respiratory irritation Classification system: The classification is in compliance with the current EU-lists, but is also completed with details given by technical literature and company.										
4.	First aid measures										
	- After inhaling: Not applicable. - After skin contact: Remove by washing with soap under the running water. - After eye contact: Flush opened eye with running water, in case of irritation consult a physician - After swallowing: Induce vomiting, In case of feeling unwell consult a physician										
5.	Fire fighting measures										
	Suitable extinguishing agents: Water spray, foam, dry powder, carbon dioxide, Special protective equipment: Breathing apparatus Other information: Water jet is not suitable as an extinguishing agent										
6.	Accidental release measures										
	Person-related safety precautions: Avoid contact with eyes. Environmental precautions: Do not let enter canalisation or groundwater Methods of cleaning up: Pick up the remainders mechanically, in the light curing and dispose of.										
7.	Handling and storage										
	Handling: The product is only for dental use. - Information about safe handling: Do not expose to light. - Information about protection against explosion and fire: No special measures are required. Storage: - Information about storage: Light sensitive, protect from light. - Requirements for storage rooms: Store dry and not above 25 °C.										

Material Safety Data Sheet

Acc. to 1907/2006/EC, Art. 31
Hoffmann Dental Manufaktur GmbH

8. Exposure controls and personal protection

Data on limiting values that require monitoring at the workplace:

Ingredients with limiting values that require monitoring at the workplace	
CAS: 71549-84-3	Urethanacrylate
ACGIH TLV-TWA	10 mg/m ³

Technical protective measures: not required.
Notice: The lists that were valid during the creation were used as basis.
Personal protective equipment:
Respiratory protection: Use dust collection system when handling the hardened material.
Skin protection: Use protective gloves when handling the material
Eye protection: Protective goggles when handling the hardened material
Body protection: Usual professional clothes.
General protective and hygienic measures:
The usual precautionary measures for contact with chemicals are to observe.

9. Physical and chemical properties

General information:	
Form:	Paste
Colour:	Pink
Odour:	Specific
Change in state	
Boiling point:	> 250°C
Pour point:	<-20°C
Flashpoint:	> 150°C
pH-value:	Not applicable
Auto flammability:	Product does not self ignite
Danger of explosion:	Product is not explosive
Density (at 20 °C):	2,1 g/ccm
Solubility in water:	Insoluble

10. Stability and reactivity

Conditions to be avoided: Direct light irradiation.
Hazardous reactions: No hazardous reactions are known, slow polymerization when exposed to light
Hazardous decomposition products: No hazardous decomposition products are known. Generation of toxic gases like carbon monoxide may be appeared by partial burn.

11. Toxicological information

Irritation effect: May cause eye irritation
Acute oral toxicity (LD 50, rat): > 5000mg/kg (method OECD 401),
Additional toxicological information: not carcinogenic
In our experience and relating to the available information the product does not cause any noxious effects when used and handled according to regulations.

12. Ecological information

Referring to main substance:
Biological decomposition: Not determined.
Ecotoxicological information: Not determined
Biological effects: Not determined.
General information: Do not let enter canalisation or groundwater

13. Disposal details

Product uncured: special treatment for Waste Code 20 01 39 (plastics)
Product polymerized: must be disposed of in accordance with the official regulations, usually without special treatment

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European Waste Catalogue

18 01 05 wastes from natal care, diagnosis, treatment or prevention of disease in humans

Packaging: Recommendation: Empty packaging can be disposed of together with domestic waste or recycled.

14. Transport information

Land transport ADR/RID :	Not dangerous according to the transportation regulations.
Maritime transport IMDG /GGV sea:	Not dangerous according to the transportation regulations.
Air transport IATA-DGR:	Not dangerous according to the transportation regulations.

15. Regulations according to GHS

Signal word: Warning

Hazard pictogram:



Hazard Statements:

H315: Causes skin irritation.
H319: Causes serious eye irritation
H335: May cause respiratory irritation

Precautionary Statements:

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P337 + P313: If eye irritation persists get medical advice/attention

16. Other information

This information is based on our present knowledge. However, they do not represent a guarantee for any product features and do not establish a contractual relationship.

Department issuing MSDS: Quality assurance department