


Material Safety Data Sheet

according to 1907/2006/EC, Article 31
Hoffmann Dental Manufaktur GmbH

Reviewed on: 08 August 2012

1.	Identification of substance and manufacturer's name												
	<p>Product details/Trade name:</p>  <p>HOFFMANN'S ADHESIVE WAX RED, STICKS</p> <p>Manufacturer/Supplier: Wangenheimstr. 37/39, D-14193 Berlin Telephone: +49 (0) 30 / 82 00 99 0 Fax: +49 (0) 30 / 82 28 145</p> <p>Information department/Emergency information: Quality assurance department e-mail: sicherheit@hoffmann-dental.com</p>												
2.	Composition/Data on ingredients												
	<p>Chemical characterization: Description: Mixture of below-mentioned substance with innocuous additions.</p> <table border="1"><thead><tr><th colspan="4">Hazardous ingredients:</th></tr></thead><tbody><tr><td>CAS: 8050-09-7</td><td>Colophony</td><td>Warning; H317</td><td>70 – 80 %</td></tr><tr><td>EINECS: 232-475-7</td><td></td><td>Xi; R 43</td><td></td></tr></tbody></table>	Hazardous ingredients:				CAS: 8050-09-7	Colophony	Warning; H317	70 – 80 %	EINECS: 232-475-7		Xi; R 43	
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EINECS: 232-475-7		Xi; R 43											
3.	Hazards identification												
	<p>Hazard description: Not applicable. 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. H317 : May cause an allergic skin reaction R43: Sensitisation through skin contact is possible.</p> <p>Classification system: The classification is in compliance with the current EU-lists, but is also completed with details given by technical literature and company.</p>												
4.	First aid measures												
	<p>- After inhaling: Not applicable. - After skin contact: Remove by washing under the running water. - After eye contact: Flush opened eye with running water for several minutes, consult an eye specialist. - After swallowing: (A plenty of substance) In case of feeling unwell consult a physician.</p>												
5.	Fire fighting measures												
	<p>Suitable extinguishing agents: Adapt to the environment. Special protective equipment: No special measures are required. Other information: Prevent any spillage of water for fire fighting from entering the surface and ground waters.</p>												
6.	Accidental release measures												
	<p>Person-related safety precautions: Not required. Environmental precautions: Prevent any spillage from entering the sewage system and the surface waters. Methods of cleaning up: Pick up the remainders mechanically and dispose of.</p>												


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7. Handling and storage																																					
<p>Handling: - Information about safe handling: - Information about protection against explosion and fire:</p> <p>Storage: - Information about storage: - Requirements for storage rooms:</p>	<p>The product is only for dental use. No special measures are required.</p> <p>No special measures are required.</p> <p>Store tightly closed and dry in original container.</p> <p>No special requirements.</p>																																				
8. Exposure controls and personal protection																																					
<p>Data on limiting values that require monitoring at the workplace:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Ingredients with limiting values that require monitoring at the workplace</th> </tr> <tr> <th style="width: 20%;">TLV</th> <th>None</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p>Technical protective measures: not required. Personal protective equipment Respiratory protection: Not required. Skin protection: Wear protective gloves; the glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to absent tests no recommendations about the glove material can be given for the product/the preparation/the chemical mixture. The selection of the glove material should be in consideration of the breakthrough time, kinds of permeation and the degradation. Material of gloves: The selection of the suitable gloves does not only depend on material but also on further quality characteristics 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 to be checked prior to the application. Penetration time of glove material: The exact breakthrough time is to be obtained from the manufacturer of the protective gloves and has to be observed. For the permanent contact in application areas without increased risk of injury (e. g. lab) gloves made of the following materials are suitable: Natural rubber (Latex). For the permanent contact of a maximum of 15 minutes gloves made of the following material are suitable: Natural rubber (Latex). Eye protection: Recommended: Protective goggles with side protection. Body protection: Lightweight protective clothing. General protective and hygienic measures: The usual precautionary measures for contact with chemicals are to observe.</p>		Ingredients with limiting values that require monitoring at the workplace		TLV	None																																
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10.	Stability and reactivity				
Conditions to be avoided:	No decomposition when used according to the regulations. Do not heat above 80 °C.				
Hazardous reactions:	No hazardous reactions are known.				
Hazardous decomposition products:	No hazardous decomposition products are known.				
11.	Toxicological information				
Values given below refer to basic substance colophony.					
Subacute to chronic toxicity : Sensitisation: <u>Research on human</u> : may cause sensitising effect Mutagenicity Test: Ames-Test:Negative; no mutagenic effect.					
Additional toxicological information:	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:	Quantitative data about ecological effects are not available for this product.				
Biological effects:	Not determined.				
General information:	Water hazard class 1 (slight hazardous to waters; self-assessment)				
13.	Disposal details				
Product:	Small amounts can be disposed of together with domestic waste. Large amounts must be disposed of in accordance with the official regulations.				
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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: H317: May cause an allergic skin reaction					
Precautionary Statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.					

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16. Regulations

Labelling according to EU guideline:

The product must not be labelled in accordance with EU-Directives / Ordinance on Hazardous Materials (GefStoffV).
Medical products must not be labelled according to Chemical Act (ChemG §2 (1) 2).

Labels:



Xi Irritant

Risk phrases:

R 43 Sensitisation through skin contact is possible.

Safety phrases:

S 24 - 37 Prevent skin contact and wear appropriate gloves.

National regulations:

Water hazard class: 1 (slight hazardous to the waters), self-assessment.

17. 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