Material Safety Data Sheet according to 1907/2006/EC, Article 31

Hoffmann Dental Manufaktur GmbH

Reviewed on: 12 June 2012

1.	Identification of substance and manufacturer's name						
	Product details/Trade name:						
	HOFFMANN'S CARBOXYLATE CEMENT, POWDER Manufacturer/Supplier: Wangenheimstr. 37/39, D-14193 Berlin Telephone: +49 (0) 30 / 82 00 99 0 Fax +49 (0) 30 / 82 28 145 Information department/Emergency information: Quality assurance department e-mail: sicherheit@hoffmann-dental.com						
2.	Composition/Data on ingredients						
	Chemical characterization: Description: Mixture of below-n Hazardous ingredients:	naracterization: Mixture of below-mentioned substances with innocuous additions.					
	CAS: 1314-13-2 EINECS: 215-222-5	Zinc Oxide	Warning; H410 N; R 50/53	80 - 90 %			
	CAS: 1309-48-4 EINECS: 215-171-9	Magnesium Oxide		5-10 %			
3.	Hazards identification						
	Hazard designation: N Hazardous to the environment Special danger warning for human and environment: 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. H410: Very toxic to aquatic life with long lasting effects. R 50/53: Very toxic to aquatic organisms; may cause long-term harmful effects in the waters. 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: - After skin contact: - After eye contact: - After swallowing:	t: Flush opened eye with running water for several minutes. Consult an eye specialist.					
5.	Fire fighting measures						
	Suitable extinguishing agents: Special protective equipment:	Not applicable. No special mea	sures required.				
6.	Accidental release measures						
	Person-related safety precautio Environmental precautions: Methods of cleaning up:	Prevent any sp Pick up dry po	llage from entering the	e sewage system. s usual. Clean subsequen	tly and		

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		Handling and storage					
	Handling:		The product is only for dental use.				
	- Information about	-	No special measures are required.				
-	- Information about protection against explosion and fire:		No special measures are required.				
	Storage: - Information abou	t storage.	Store try and tightly closed in original container.				
	 Information about 	0					
	one common stor	-	Is not required.				
-	- Requirements for storage rooms:		No special measures are required.				
	Exposure control	s and personal protection	1				
	Data on limiting va	lues that require monito	ring at the workplace.				
		ata on limiting values that require monitoring at the workplace:					
	Ingredients with limiting values that require monitoring at the workplace						
	1314-13-2	Zinc Oxide	(EU-No.: 215-222-5)				
	TLV		1 A mg/m ³ smoke; DFG				
	1200 40 4	Manual Andrew Ordela					
	1309-48-4	Magnesium Oxide	(EU-No.: 215-171-9)				
	TLV Technical protectiv	6 A mg/m ³ /e measures: not require	smoke; DFG d.				
 	TLV Technical protective Notice: When used Personal protective Respiratory protect Skin protection: No substance/the prep product/the prepara breakthrough time, Material of gloves characteristics and resistance of the gloves gloves and has to b	6 A mg/m ³ ve measures: not require according to regulations e equipment: tion: Not required. ot required necessarily; t aration. Due to absent te ation/the chemical mixtu kinds of permeation and : The selection of the s I varies from manufactu ove material can not be f glove material: The exa be observed.	d. s, no smoke containing zinc is released. he glove material has to be impermeable and resistant to the product/the ests no recommendations about the glove material can be given for the re. The selection of the glove material should be in consideration of the d the degradation. suitable gloves does not only depend on material, but also on further qualif rer to manufacturer. As the product is a preparation of several substances th calculated in advance and has to be checked prior to the application. Inct breakthrough time is to be obtained from the manufacturer of the protective				
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9.	Physical and chemical properties			
	General information:			
	Form:	Powder		
	Colour:	Whitish		
	Odour:	Odourless		
	Change in state			
	Boiling point/boiling range:	Not applicable		
	Melting point/melting range:	> 1.200 °C		
Flashpoint:		Not applicable		
	pH-value:	Not applicable		
	Autoflammability:	Product does not self ignite		
	Danger of explosion:	Product is not explosive		
	Bulk density:	500 kg/m ³		
	Solubility in water:	Insoluble		
	Solvent content: Organic solvents:	0,0 %		
	organic solvents.	0,0 %		
10.	Stability and reactivity			
Cr	onditions to be avoided:	No decomposition when used according to the regulation.		
	azardous reactions:	No dangerous reactions known.		
	azardous decomposition products:	No hazardous decomposition products are known.		
	azardous accomposition products.			
11.	Toxicological information			
	alues given below refer to basic substa			
Ac	Mutagenicity Test: Ames-Test: dditional toxicological information:	In our experience and according to the literature provided to us the product does not cause any noxious effects when used and handled according to regulations.		
12.	Ecological information			
Re	eferring to main substance:			
Bi	iological decomposition:	Is not determined.		
Ecotoxicological information:		Quantitative data about ecological effects are not available for this		
Bi	iological effects:	product. Very toxic to aquatic organisms. May cause long-term harmful effects in		
Ge	eneral information:	the waters. Prevent releasing into waters, sewage system and soil. Water hazard class 2 (self-assessment): hazardous to waters.		
13.	Disposal details			
	Product:	Do not dispose of together with domestic waste.		
		Do not allow product to reach sewage system.		
	Uncleaned packaging:	Dispose of in accordance with official regulations.		
	-			
	European Waste Catalogue	ning or consisting of hazardous substances		

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