

Material Safety Data Sheet
CONNECT
 according to (EC) No. 1907/2006

1. Product/Company Identification

Trade Name: CONNECT
Reference Number: 624-302
Date of Issue: 09.20.2013
Product Description: Temporary cement
Company Name: COSMEDENT, Inc
 401 N Michigan Ave. Ste. 2500
 Chicago, IL 60611 USA
Emergency information: Mary OMalley
 312-644-9586 or 312-720-0701
 mary@cosmedent.com

2. Hazards identification

Risk identification: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Special risks: Irritating eyes, respiration, skin.
Classification: classification corresponds to actual EEC guidelines, however completed with details from technical literature and company data.

3. Composition/Information on Ingredients

Chemical characterization: Mixture of unsaturated esters, multifunctional methacrylates, zinc oxide, silica

Description:

Hazardous components:

	<u>Name</u>	<u>R-classification</u>
EEC-No. 215-222-5	Zinc oxide	N, R50/53
CAS-No. 1314-13-2		
Index-No. [607-134-00-4]	Methacrylates	Xi, R36/38

4. First-aid measures

Skin contact: wash with plenty of water and soap
Eye contact: rinse with plenty of water and consult a physician
after swallowing: seek medical advice immediately

5. Fire fighting measures

Extinguishing media: dry chemical foam, carbon dioxide, water

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6. <u>Accidental release measures</u>	
Personal precautions:	
Environmental precautions:	Do not allow to enter sewerage system
Methods for cleaning up:	Take up dry and forward for disposal
7. <u>Handling and storage</u>	
Handling:	This product should only be supplied or handled to dentists, dental technicians or upon their instructions.
Handling procedures:	Normal hygienic measures
Recommendation for fire and explosion protection:	
storage:	store at dry place, storage temperature < 25°C, protected from light
Requirements at storerooms and containers:	
Requirements for storage with other products:	store away from food stuffs
Additional storage conditions:	
Storage classification:	
VBF-classification:	
8. <u>Exposure controls/personal protection</u>	
Additional information for technical plants:	
Components with limits of values to be supervised at the workplace:	
<u>CAS-Nr.</u>	<u>name</u>
<u>art</u>	<u>value</u>
<u>unit</u>	
The product contains no relevant quantities of components with limits of values to be supervised at the workplace.	
Additional information:	
Personal protective equipment:	not necessary
General measures of protection and hygiene:	normal hygienic measures
respiration:	
hands:	wear gloves
eyes:	wear eye glasses

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9. <u>Physical and chemical properties</u>			
Appearance			
Form:	paste		
Color:	Tooth colored		
Odor:	odourless		
	<u>Value</u>	<u>Unit</u>	<u>Method</u>
Information on change in the physical state			
Melting point/melting range:	n.a.		
Boiling point/boiling range:	n.a.		
Flash point:	n.e.		
Autoignition temperature:	n.e.		
Danger of explosion:	none		
Density:	1,56 (20 °C)	g/cm ³	
Vapour pressure:	n.a.		
Viscosity:	flowable		
pH:	n.a.		
Solubility in/miscibility with:	slightly in toluene, organic solvents		
Water:	unsoluble		
Content of solvents:	none		
Organic solvents:	none		
Water:	none		
Content of solids:	n.a.		
10. <u>Stability and reactivity</u>			
	avoid heat, direct sunlight		
Incompatibility with other substances:	Peroxides, metal powders, strong oxidizers, free radical initiators		
Hazardous decomposition products:	not known		
11. <u>Toxicological information</u>			
skin:	Allergic reactions to methacrylates by chronic exposure to the product are possible.		
eye:	slight irritating		
additional toxikological information:	irritating		
	During the long period of use as temporary cement no health deseases are reported.		

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12. <u>Ecological information</u>	
General information:	Do not allow to enter waters, wast water or soil.
13. <u>Disposal considerations</u>	
Recommendation:	use proper landfill disposal or incineration in accordance with local, state and federal regulations
14. <u>Transport information</u>	
Land transport ADR/RID and GGVS/GGVE (Germany)	Not classified as dangerous goods.
Sea transport IMDG	Not classified as dangerous goods.
Air transport ICAO-TI and IATA-DGR	Not classified as dangerous goods.
15. <u>Regulatory information</u>	
Classification according to EEC-guidelines:	N dangerous for the environment R50/53 very toxic to aquatic organisms, may cause long term adverse effect in the aquatic environment Xi Irritating R36/38 Irritating eyes and skin.
National Prescriptions:	
16. <u>Other information:</u>	
Changes compared with the previous version:	The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.