

MATERIAL SAFETY DATA SHEET

Update: 05.2007

1. Identification of the product /company		9.11 Auto-flammability	not applicable
1.1 Commercial product name	CYBER ALGINATE COLOUR	9.12 Explosion limits	inf.: not applicable
1.2 Application / Use	Alginate impression material	9.13 Other information	sup.: not applicable
1.3 Company identification	CYBER TECH DE HHealthcare Products Gilligham ME8 OSB U.K.		None.
2. Composition		10. Stability and reactivity	
2.1 Chemical characterization	Mixture of Sodium Alginate, Sodium Phosphate, Magnesium Oxide, Magnesium Carbonate, Calcium Sulfate, Potassium Fluortitanate, Diatomaceous Earth.	10.1 Thermal decomposition	> 200°C.
2.2 Dangerous substances	Potassium Fluortitanate (1-2%). CAS Nr. 16919-27-0 R20/21; R25	10.2 Hazardous decomposition products	None, if used in accordance to instructions.
2.3 Other information	None.	10.3 Hazardous reactions	None.
3. Hazards Identification	Dust generation	10.4 Other information	None.
4. First aid measures		11. Toxicological information	
4.1 Eye contact	Flush eye with plenty of water (10'-15'). Call a doctor if the irritation persists.	11.1 Acute effects	No acute effects noticed by this route of exposure, even in case of accidental exposures.
4.2 Skin contact	Wash with soap and water.	11.2 Chronical effects	Cyber Alginate Colour has no cytotoxic potential.
4.3 Ingestion	Give large amount of water. Seek medical advice. Induce vomit.	11.3 Other information	Diatomaceus earth contains crystalline silica. Repeated prolonged exposures may cause lung effects.
4.4 Inhalation	Remove to fresh air.		Potassium Fluortitanate: Harmful by inhalation and in contact with skin.
4.5 Other information	None.		Toxic if swallowed.
5. Fire-fighting measures		12. Ecological information	
5.1 Suitable extinguishing media	Not required as not combustible.	12. Ecological information	No ecological problems if the product is properly handled and used.
5.2 Extinguishing media not to be used	None.	13. Disposal considerations	Dispose to an approved landfill or a waste incineration plant. Observe all local, state and environmental regulations.
5.3 Other information	None.	14. Transport information	
6. Accidental release measures	Clean up mechanically. Avoid breathing dust. Wash the area with soap and water. Dispose of according to local and national regulations.	14.1 Transport by land	ADR -- RID -- Code class. --
7. Handling and storage		14.2 Transport by sea	UN# -- Pack Group -- ADNR -- IMDG - UN# -- Pack Group -- ICAO/IATA-DGR -- UN# --
7.1 Handling	Avoid dust accumulation. Keep out of the reach of children. Only professional personnel should handle the product.	14.3 Air transport	UN# --
7.2 Industrial hygiene	Do not breathe in dust. Adopt hygienic measures suitable for dental practice. Do not eat drink or smoke while using the product.	14.4 Other information	This product does not fall under transport regulations.
7.3 Storage	Store in a cool dry place, away from sunlight.	15. Regulatory information	This product does not fall under regulatory classification.
7.4 Place of storage	Store in a cool dry place.	15.1 Hazard symbols	None.
7.5 Fire and explosions protection	No specific requirements.	15.2 Risk phrases	None.
8. Exposure controls / Personal protection		15.3 Safety phrases	None.
8.1 Technical measures	During mixing it is recommended to use local exhaust ventilation.	15.4 Other information	None.
8.2 Exposure limit values	None, if properly handled and used.	16. Other information	This Material Safety Data Sheet has been compiled according to EEC Directives 91/155 and 93/112. This Information is believed to be correct according to the sources available. Please contact the manufacturer for any other information on products safety. In any case, the manufacturer does not grant any explicit or implicit warranty or liability on using the informations given above. Users must control the conformity of these informations for any specific use. This information does not represent a definition of working place hazards falling under local Laws or Directives. All local, federal and state Laws and Directives must be observed to use and dispose the above described product.
8.3 Personal protection			
8.3.1 Respiratory protection	Do not breathe in dust.		
8.3.2 Hand protection	Gloves.		
8.3.3 Eye protection	Sfety goggles.		
8.3.4 Other information	None.		
9. Physical and chemical properties			
9.1 Appearance	powder.		
9.2 Colour	light blue		
9.3 Odour	vanilla-mint		
9.4 Change of physical state	not applicable		
9.5 Density	non determined		
9.6 Vapour pressure	not applicable		
9.7 Viscosity	not applicable		
9.8 Solubility	in water: Gel-formation		
9.9 pH	9-10 suspension		
9.10 Flash point	not flammable		