

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard.

Identity

Adhesive

C4410

Section I

Manufacturer's Name	Coltène/Whaledent Inc.	Emergency Tel. No.	212-696-8000
Address	236 Fifth Avenue	Tel. No. for Information	800-221-3046
	New York, NY 10001	Date Prepared	22.06.1992
		Signature of Preparer	

Section II - Hazardous Ingredients / Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Special boiling spirit 80/110				46.5

Section III Physical/Chemical Characteristics

Boiling Point	> 100 °C	Specific Gravity	0.8
Vapor Pressure at 20 °C	n.a. (mm Hg)	Melting Point	n.a. °C
Vapor Density (AIR = 1)	> 1	Evaporation Rate	2.5 (Butyl acetate = 1)
Solubility in Water	none		
Appearance and Odor	red colored, low viscous lacquer		

Section IV - Fire and Explosion Hazard Data

Flash Point	n.a. °C	Flammable Limits at °C	LEL n.a. %	UEL n.a. %
Extinguishing Media	foam, CO2, dry extinguishing media, sand			
Special Fire Fighting Procedures	none			
Unusual Fire and Explosion Hazards	none			

Section V - Reactivity Data

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid
	Stable	<input checked="" type="checkbox"/>	high temperatures, flame
Incompatibility (Materials to Avoid)			strong oxidant
Hazardous Decomposition or Byproducts			none
Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid
	Will Not Occur	<input checked="" type="checkbox"/>	none

Adhesive**Section VI - Health Hazard Data**

Routes of Entry:	Inhalation <input checked="" type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Health Hazards (Acute and Chronic)	High solvent concentrations may be moderately toxic by inhalation and ingestion. After evaporation non-toxic biocompatible silicone adhesive.		
Carcinogenicity none	NTP	IARC Monographs	OSHA Regulated
Signs and Symptoms of Exposure	Irritation of eyes and skin, burning in throat and lungs		
Medical Conditions	consult doctor		
Generally Aggravated by Exposure			
Emergency and First Aid Procedures	Inhalation: Expose to the air, consult doctor Ingestion: consult doctor.		

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled	Wipe off with a towel. Toxic for fish and plankton (WKG 2)
Waste Disposal Method	According to local prescriptions.
Precautions to Be Taken in Handling and Storing	Use Coltène Adhesive only in well ventilated rooms, store in a cold place away from flame. Do not apply intraoral, use only as adhesive lacquer in trays.
Other Precautions	Follow mixing instructions. Wear gloves. The product should only be supplied to dentists or dental technicians or upon their instructions.

Section VIII - Control Measures

Respiratory Protection (Specify Type)	not required		
Ventilation	Local Exhaust	-	Special -
	Mechanical (General)	X	Other -
Protective Gloves	X		Eye Protection -
Other Protective Clothing or Equipment	-		
Work / Hygienic Practices	Do not swallow, wash hands before breaks and after the end of day 's work		