

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077181613

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071039908 077181605 077181662 077181704

**Material Safety Data Sheet**

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

Identity **Lab-Putty****Section I**

Manufacturer's Name	Coltène/Whaledent Inc.	Emergency Tel. No.	201-512-8000
Address	750 Corporate Drive Mahwah, NJ 07430	Tel. No. for information	201-512-8000
		Date Prepared	1993-11
		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)	%
Dialkyltin dicarboxylates	0.1mg(Sn)/m3 (skin)	0.1mg(Sn)/m3 (skin)		0.2
Alkyl silicates		1 ppm		0.2

**Section III - Physical/Chemical Characteristics**

Boiling Point	> 150 °C	Specific Gravity	1.5
Vapor Pressure at °C	n.a. (mm Hg)	Melting Point	n.a. °C
Vapor Density (AIR = 1)	n.a.	Evaporation Rate	n.a. (Butyl acetate = 1)
Solubility in Water	none		
Appearance and Odor	light red, very high viscosity silicone compound		

**Section IV - Fire and Explosion Hazard Data**

Flash Point	> 150 °C	Flammable Limits at °C	LEL n.a.% UEL n.a.%
Extinguishing Media	water fog, spray, halones, CO <sub>2</sub> , 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"/>	none
Incompatibility (Materials to Avoid)	none		
Hazardous Decomposition or Byproducts	none		
Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid
	Will Not Occur	<input checked="" type="checkbox"/>	none

**ab-Putty**

**Section VI - Health Hazard Data**

Routes of Entry	Inhalation	Skin	Ingestion
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Health Hazards (Acute and Chronic)	Interaction of unset mixed polysiloxane impression materials with the mucous membrane after temporary contact has not been reported.		
Carcinogenicity	NTP	IARC Monographs	OSHA Regulated
	none		
Signs and Symptoms of Exposure	none		
Medical Conditions	n.n.		
Generally Aggravated by Exposure			
Emergency and First Aid Procedures	n.a.		

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken	Remove set material.
What to Do in Case Material Is Released or Spilled	Silicone rubber preparations do not cause disturbances in sewage plants.
Waste Disposal Method	Garbage disposal.
Precautions to Be Taken	Store in a dry place at 15-20°C, water will decompose the activator. Pure, unmixed catalyst may be irritant to the eye or allergenic to skin
Handling and Storing	
Other Precautions	Follow mixing instructions. Wear gloves and avoid direct contact with pure, unmixed catalyst. 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)	Other	-
Protective Gloves	X	Eye Protection	-
Other Protective Clothing or Equipment	-		
Work / Hygienic Practices	Wash hands before breaks and after the end of a day's work.		

**Section IX - Information**

Replace MSDS dated 1993-07-06

according to Regulation (EC) No 1907/2006

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

for dental use only

**1.3. Details of the supplier of the safety data sheet**

Company name:	Coltène/Whaledent AG
Street:	Feldwiesenstrasse 20
Place:	CH-9450 Altstätten
Telephone:	+41 (71) 75 75 300
Telefax:	+41 (71) 75 75 301
e-mail:	info.ch@coltene.com
Internet:	www.coltene.com
Responsible Department:	Regulatory Affairs msds@coltene.com

**Further Information**

Only supplied to dentists and dental laboratories or upon their instructions

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].  
The preparation is not dangerous in the sense of Directive 1999/45/EC.  
Preparation/mixture without hazards for human health or environment

**2.2. Label elements****Hazardous components which must be listed on the label**

According to EC directive 1999/45/EC or annex VI of directive 67/548/EEC the preparation does not have to be labelled.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Polymer preparations and compounds

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

No special measures are necessary.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Water. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Sand.

according to Regulation (EC) No 1907/2006

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**Additional information**

Co-ordinate fire-fighting measures to the fire surroundings.

**SECTION 6: Accidental release measures****6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated areas thoroughly.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**No special precautionary measures are necessary.  
Observe instructions for use.**7.2. Conditions for safe storage, including any incompatibilities****Further information on storage conditions**Keep the packing dry and well sealed to prevent contamination and absorption of humidity.  
Recommended storage temperature: 15 - 23 °C**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Protective and hygiene measures**

When using do not eat, drink or smoke.

**Hand protection**Single-use gloves.  
Unsuitable material: NR (Natural rubber (Caoutchouc), Natural latex).**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: Paste

Colour:

**Test method****Changes in the physical state**

Initial boiling point and boiling range: &gt;150 °C

Water solubility: insoluble  
(at 23 °C)**Solubility in other solvents**

ketone.

**SECTION 10: Stability and reactivity****Further information**

No special measures are necessary.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

according to Regulation (EC) No 1907/2006

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**Acute toxicity**

LD50: &gt;2000 mg/kg (Rat)

The statement is derived from products of similar composition.

**Irritation and corrosivity**

Irritant effect on the skin: (Rabbit)

Not an irritant.

The statement is derived from products of similar composition.

**Sensitising effects**

Guinea-pig.

no danger of sensitization.

The statement is derived from products of similar composition.

**SECTION 12: Ecological information****Further information**

No special environmental measures are necessary.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

**SECTION 14: Transport information****Other applicable information**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information****Additional information**

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**SECTION 16: Other information****Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*