

SAFETY DATA SHEETS

This SDS packet was issued with item:

077181621

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).

077181605 077181639 273024645

Material Safety Data Sheet

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

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

Manufacturer's Name	Coltène/Whaledent Inc.	Emergency Tel. No.	201-512-8000
Address	750 Corporate Drive	Tel. No. for Information	201-512-8000
	Mahwah, NJ 07430	Date Prepared	1993-11
		Signature of Preparer	

Section II - Hazardous Ingredients / Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits	%
(Specific Chemical Identity; Common Name(s))			Recommended	(optional)
Dialkyltin dicarboxylates	0.1mg(Sn)/m3 (skin)	0.1mg(Sn)/m3 (skin)		8
Alkylsilicates		1 ppm		2

Section III - Physical/Chemical Characteristics

Boiling Point	> 150 °C	Specific Gravity	1.0
Vapor Pressure at °C	n.a. (mm Hg)	Melting Point	n.a. °C
Vapor Density (AIR = 1)	> 1	Evaporation Rate	n.a. (Butyl acetate = 1)
Solubility in Water	none		
Appearance and Odor	blue jelly paste		

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 ₂ , dry extinguishing media, sand			
Special Fire Fighting Procedures	none			

Unusual Fire and Explosion Hazards none

Section V - Reactivity Data

Stability	Unstable ☐	Conditions to Avoid
	Stable ☒	none
Incompatibility (Materials to Avoid)		none
Hazardous Decomposition or Byproducts		none
Hazardous Polymerization	May Occur ☐	Conditions to Avoid
	Will Not Occur ☒	none

b-Putty Activator

Section VI - Health Hazard Data

Routes of Entry	Inhalation	Skin	Ingestion
	☒	☒	☐
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.
Case Material Is Released or Spilled	Silicone rubber preparations do not cause disturbances in sewage plants.
Waste Disposal Method	According to local prescriptions.
Precautions to Be Taken	Store in a cold, dry place, water will decompose the activator.
Handling and Storing	Pure, unmixed catalyst may be irritant to the eye or allergenic to skin.
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**

Activator.

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

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**

Indications of danger: Xn - Harmful, Xi - Irritant

R phrases:

Flammable.

Irritating to respiratory system and skin.

Risk of serious damage to eyes.

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

May cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Danger symbols: Xn - Harmful



Xn - Harmful

Hazardous components which must be listed on the label

Alkyl silicates

R phrases

10 Flammable.
37/38 Irritating to respiratory system and skin.
41 Risk of serious damage to eyes.
48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
53 May cause long-term adverse effects in the aquatic environment.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
61 Avoid release to the environment. Refer to special instructions / Safety data sheets.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

SECTION 3: Composition/information on ingredients

according to Regulation (EC) No 1907/2006

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3.2. Mixtures**Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
	Alkyl silicates	20 - 25 %
	Xn - Harmful, Xi - Irritant R10-20-37/38-41-48/22-53	
	Diocetyl tin dicarboxylate	5 - 10 %
	Xn - Harmful R48/22-53	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After contact with skin**

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Seek medical attention if problems persist.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Water. Foam. Extinguishing powder. Carbon dioxide (CO₂). Sand.**Additional information**

Extinguishing materials should be selected according to the surrounding area.

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

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

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

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin and eyes.

Further information on handling

After use replace the closing cap immediately.

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 dampness.

according to Regulation (EC) No 1907/2006

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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.

Eye protection

Framed glasses.

Skin protection

Lab apron.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	blue
Odour:	characteristic

Test method**Changes in the physical state**

Boiling point: >150 °C

Density (at 23 °C): 1.0 g/cm³

Water solubility: insoluble

(at 23 °C)

Solubility in other solvents

ketone.

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

Air, humid.

Further information

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

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

LD50: >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.

according to Regulation (EC) No 1907/2006

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SECTION 12: Ecological information**Further information**

May cause long-term adverse effects in the aquatic environment.
Do not allow uncontrolled leakage of product into the environment.

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****SECTION 16: Other information****Full text of R phrases referred to under Sections 2 and 3**

- | | |
|-------|---|
| 10 | Flammable. |
| 20 | Harmful by inhalation. |
| 37/38 | Irritating to respiratory system and skin. |
| 41 | Risk of serious damage to eyes. |
| 48/22 | Harmful: danger of serious damage to health by prolonged exposure if swallowed. |
| 53 | May cause long-term adverse effects in the aquatic environment. |

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.)