

SAFETY DATA SHEETS

This SDS packet was issued with item:

077181704

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 077181613 077181662

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 ₂ , 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. |
| 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

Lab Putty Base

Revision date: 16.07.2012

Print date: 23.04.2013

Page 1 of 3

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

Lab Putty Base

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 |

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 Directive 1999/45/EC or Appendix VI to Directive 67/548/EEC the preparation requires no special labelling.

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 (CO₂). Sand.**Additional information**

Extinguishing materials should be selected according to the surrounding area.

according to Regulation (EC) No 1907/2006

Lab Putty Base

Revision date: 16.07.2012

Print date: 23.04.2013

Page 2 of 3

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**

No special precautionary measures are necessary.

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.

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 materials: 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**

Boiling point:

>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****Acute toxicity**

LD50: >2000 mg/kg (Rat.)

The statement is derived from products of similar composition.

according to Regulation (EC) No 1907/2006

Lab Putty Base

Revision date: 16.07.2012

Print date: 23.04.2013

Page 3 of 3

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**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****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.)