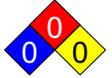


## 1 Identification

- **Product identifier**
- **Trade name: Impressive Putty 5:1 regular set**
- **Application of the substance / the mixture** Dental impression material, medical device
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Cosmedent, Inc.  
401 N Michigan Ave. Ste. 2500  
Chicago, IL 60611  
USA  
  
www.cosmedent.com
- **Information department:** Mary Beth O'Malley, VP Corporate Development
- **Emergency telephone number:** 312-720-0710

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
This Product contains a substance which is classified as STOT RE 1. Due to its physical form, exposure through inhalation is not expected.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**  
 Health = 0  
Fire = 0  
Reactivity = 0
- **HMS-ratings (scale 0 - 4)**  
 HEALTH 0 Health = 0  
FIRE 0 Fire = 0  
REACTIVITY 0 Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

### - Dangerous components:

Cristobalite (CAS 14464-46-1)	25-50%
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## 4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.

Trade name: **Impressive Putty 5:1 regular set**

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- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**\* 5 Fire-fighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

**\* 6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

- <b>PAC-1:</b>
None of the ingredients is listed.
- <b>PAC-2:</b>
None of the ingredients is listed.
- <b>PAC-3:</b>
None of the ingredients is listed.

**\* 7 Handling and storage**

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

**\* 8 Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**- Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**- Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**- Eye protection:** Goggles recommended during refilling.

**9 Physical and chemical properties**

**- Information on basic physical and chemical properties**

**- General Information**

**- Appearance:**

**Form:** Pasty  
**Color:** Different according to coloring

**- Odor:** Characteristic

**- Odor threshold:** Not determined.

**- pH-value:** Not determined.

**- Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** Undetermined.

**- Flash point:** Not applicable.

**- Flammability (solid, gaseous):** Not applicable.

**- Ignition temperature:** Not determined.

**- Decomposition temperature:** Not determined.

**- Auto igniting:** Product is not selfigniting.

**- Danger of explosion:** Product does not present an explosion hazard.

**- Explosion limits:**

**Lower:** Not determined.  
**Upper:** Not determined.

**- Vapor pressure:** Not determined.

**- Density:** Not determined.

**- Relative density** Not determined.

**- Vapor density** Not determined.

**- Evaporation rate** Not determined.

**- Solubility in / Miscibility with**

**Water:** Not miscible or difficult to mix.

**- Partition coefficient (n-octanol/water):** Not determined.

**- Viscosity:**

**Dynamic:** Not determined.  
**Kinematic:** Not determined.

**- Solvent content:**

**VOC content:** 0.00 %  
0.0 g/l / 0.00 lb/gal

**Solids content:** 65.0 %

**- Other information** No further relevant information available.

(Contd. on page 4)

Trade name: **Impressive Putty 5:1 regular set**

(Contd. of page 3)

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## \* 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## \* 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

(Contd. on page 5)

Trade name: Impressive Putty 5:1 regular set

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**\*14 Transport information**

- UN-Number	
- DOT, ADR, ADN, IMDG, IATA	Void
- UN proper shipping name	
- DOT, ADR, ADN, IMDG, IATA	Void
- Transport hazard class(es)	
- DOT, ADR, ADN, IMDG, IATA	
- Class	Void
- Packing group	
- DOT, ADR, IMDG, IATA	Void
- Environmental hazards:	
- Marine pollutant:	No
- Special precautions for user	Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
- UN "Model Regulation":	Void

**\*15 Regulatory information**

- Safety, health and environmental regulations/legislation specific for the substance or mixture	
- Sara	
- Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	
- Section 313 (Specific toxic chemical listings):	
None of the ingredients is listed.	
- TSCA (Toxic Substances Control Act):	
Pigment	*
- Hazardous Air Pollutants	
None of the ingredients is listed.	
- Proposition 65	
- Chemicals known to cause cancer:	
None of the ingredients is listed.	
- Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
- Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
- Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
- Carcinogenic categories	
- EPA (Environmental Protection Agency)	
Pigment	D
- TLV (Threshold Limit Value established by ACGIH)	
Pigment	A4
- NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	
- GHS label elements	Void
- Hazard pictograms	Void
- Signal word	Void
- Hazard statements	Void

(Contd. on page 6)

**Trade name: Impressive Putty 5:1 regular set**

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- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## \* 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing SDS:** Product safety department

- **Contact:** mary@cosmedent.com

- **Date of preparation / last revision** 04/10/2019 / 9

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

- **Sources**

*The data for the hazardous ingredients were taken respectively from the last version of Safety Data Sheets of suppliers.*

- \* **Data compared to the previous version altered.**