

## **SAFETY DATA SHEETS**

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

076468987

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

076468821

**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).**

076468813 076468839 076468847 076468854 076468896 076468904 076468912 076468920 076468938 076468979  
076472807 076472815 076472823 076472831 076472849 076472856 076472906 076472914 076472922 076472930  
076472948 076472955 076473003 076473011 076473037 076473045 076473052 076473060 076473177 076473185

## 1. Chemical Product and Contact Information

**Product Name:** Correct Quick® Vinylpolysiloxane Impression Material  
**Material Safety Sheet Number:** 00111  
**Date of Issue:** 05/26/00  
**Revision Date:** 03/25/10

**Company Identification:** **Pentron Clinical**  
 1717 West Collins Ave.  
 Orange, CA 92867  
**Phone:** **800-551-0283**  
 203-265-7397

**Emergency Information Chemtrec:** **800-424-9300**  
**Chemtrec International:** **202-483-7616**

## 2. Composition/Information on Ingredients

**Chemical characteristics:** polyvinylidimethylsiloxane  
**Description:** polyvinylsiloxane resin mixture with inorganic fillers, pigments, platinum catalyst and SiH capped polysiloxane.

**Hazardous components:**

Element	CAS #	Exposure Limit mg/m <sup>3</sup>	
		OSHA PEL	ACGIH TLV
Polyvinylidimethylsiloxane	68083-18-1	N/E	N/E
Inorganic Fillers	21665-51-2 112926-00-8 14464-46-1	N/E	N/E
Pigments	various	N/A	N/A
Platinum Catalyst	N/A	N/A	N/A
SiH capped polysiloxane	68037-59-2	N/E	N/E

## 3. Hazard Identification

**Risk identification:** Unknown.  
**Special risks for human beings and environment:** Unknown.  
**Classification:** Unknown.

## 4. First Aid Measures

**General information:**  
**After skin contact:** Wash with plenty of water and soap. Consult a physician if irritation occurs.  
**After eye contact:** Immediately flush eyes with eyelids retracted with plenty of water for 15 minutes. Consult an ophthalmologist if needed.  
**After swallowing:** Seek medical advice immediately.

## 5. Fire Fighting Measures

**Extinguishing media:** Sand, chemical foam, CO<sub>2</sub> or dry chemical.  
 During a fire, irritating and/or toxic gases and aerosols may be present from the decomposition/combustion products.  
**Protective equipment:** Firefighters should wear full protective clothing, including a self-contained breathing apparatus.

## 6. Accidental Release Measures

**Personal precautions:** Protective gloves, goggles and others are recommended.  
**Environmental precautions:** Absorb with inert material. Collect in closed containers and dispose in accordance to Federal, State, and local regulations.  
**Additional information:** Unknown.

## 7. Handling and Storage

**Handling:** Use good hygienic measures. Handle with care.  
**Handling Procedures:** No special requirements.  
**Recommendation for fire and explosion protection:** Unknown.  
**Storage:** Store at ambient temperature. Store away from direct sun light, food stuffs, initiators, oxidizing, and/or reducing agents. Over time, spontaneous polymerization may occur.  
**Requirements at storerooms and containers:** Store in a cool dry place.  
**Additional storage conditions:** Not applicable.  
**Storage classification:** Unknown.  
**VBF classification:** Unknown.

## **8. Exposure Controls/Personal Protection**

Additional information:  
Personal protective equipment:

Protective gloves (Rubber, PVS, Nitrile), goggles are recommended. Rubber apron.

General measure of protection and hygiene:

Normal hygienic measures.

Respiration:

Not applicable.

Hands:

Protective gloves.

Eyes:

OSHA approved goggles.

## **9. Physical and Chemical Properties**

Appearance:

Form:

Gel.

Color:

Shaded.

Odor:

Odorless.

Information on change in the physical state

Melting point/melting range:

Not applicable.

Boiling point/boiling range:

Not applicable.

Flash point:

485°F (252°C) Closed cup - DIN 51755.

Autoignition temperature:

Unknown.

Danger of explosion:

Unlikely.

Density:

Varies with viscosity.

Vapor pressure:

Not applicable.

Viscosity:

Not applicable.

pH:

Not applicable.

Solubility in/miscibility with water:

Insoluble.

Content of solvents:

None.

Percent Volatile:

< 2%.

Water:

None.

Content of solids:

Various.

## **10. Stability and Reactivity**

Chemical Stability:

Stable.

Incompatibility with other substances:

Not applicable.

Hazardous decomposition products:

Not applicable.

## **11. Toxicological Information**

Carcinogenicity:

None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

TLV:

None.

Primary Routes of entry:

Inhalation, skin, and eyes.

## **12. Ecological Information**

General information:

Unknown.

Classification of water endangment:

Unknown.

## **13. Disposal Considerations**

Disposal consideration:

Dispose of in accordance with Federal, State, and local regulations.

## **14. Transport Information**

Not classified as dangerous goods.

## **15. Regulatory Information**

Classification according to EEC guidelines:

Unknown.

National Prescriptions:

Unknown.

Classification according to VbF:

Unknown.

## **16. Other Information**

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof. Pentron Clinical however, makes no representations as to the completeness or accuracy of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Pentron Clinical be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

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## SAFETY DATA SHEET

### Section 1. Product And Company Identification

**Product Name:** Correct Quick Bite Material Impression Material

**Product Use:** Dental product: Dental impression material

**Manufacturer:** Pentron Clinical  
1717 W. Collins Ave.  
Orange, CA 92867-5422  
U.S.A.

**Information Phone Number:** 1-800-841-1428 (Customer Service)

**Chemical Emergency Phone Number (Chemical Spills, Leaks, Fire, Exposure or Accident only):**  
CHEMTREC 1-800-424-9300 (in the US) 1-703-527-3887 (Outside the US)

**SDS Date Of Preparation/Revision:** 08/21/19

### Section 2. Hazards Identification

**GHS Classification:**

Skin Irritation Category 2

Eye Irritation Category 2A

**Label Elements:**

Warning!



**Hazard Phrases**

Causes skin irritation.

Causes serious eye irritation.

**Precautionary Phrases:**

Wash hands thoroughly after handling.

Wear protective gloves, protective clothing, eye protection, face protection.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or a rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical attention.

Store locked up.

Dispose of contents and container in accordance with local and national regulations.

### Section 3. Composition/Information on Ingredients

Component	CAS No.	Amount
Aluminum hydroxide	21645-51-2	10-30%
Talc	14807-96-6	10-30%
Starch	9005-25-8	10-30%
Amorphous silica	112945-52-5	1-5%
Silicon dioxide	7631-86-9	1-5%

### Section 4. First Aid Measures

**Inhalation:** Remove victim to fresh air. Get medical attention if symptoms occur.

**Skin Contact:** Flush thoroughly with water. Get medical attention if irritation or symptoms of exposure develop. Remove and launder contaminated clothing before re-use.

**Eye Contact:** Rinse thoroughly with water. Get medical attention if irritation occurs and persists.

**Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Keep the victim calm and warm. Get immediate medical attention.

**Most important symptoms and effects, acute and delayed:** Causes serious eye irritation and may cause skin dryness and irritation.

**Indication of immediate medical attention and special treatment, if needed:** Immediate medical attention is not required.

### Section 5. Fire Fighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use any media appropriate for the surrounding fire. Cool fire exposed containers with water.

**Specific Hazards Arising from the Chemical:** Combustion may produce carbon dioxide, carbon monoxide, sulfur oxides, and metal oxides.

**Special Protective Equipment and Precautions for Fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored. Cool fire-exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

### Section 6: Accidental Release Measures

**Personal precautions, Protective equipment, and Emergency procedures:** Evacuate spill area and keep unprotected personnel away. Avoid contact with eyes, skin and clothing. Wear appropriate protective clothing and equipment. Do not breathe dust or vapors.

**Environmental Precautions:** Avoid releases to the environment. Report spill as required by local and federal regulations.

**Methods and Materials for Containment and Cleaning up:** Prompt cleanup and removal are necessary. Absorb spills with an inert material and place in an appropriate waste disposal container.

## Section 7. Handling and Storage

**Precautions for Safe Handling:** Prevent contact with eyes, skin and clothing. Always wear impervious gloves, chemical safety goggles and protective clothing when handling this material. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke in the work area. Do not breathe dust or vapors. Use with adequate ventilation. Remove and wash contaminated clothing before reuse.

Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store between 20°C to 25°C (68°F to 77°F) in a dry, well-ventilated area away from direct sunlight. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

## Section 8. Exposure Controls / Personal Protection

### Exposure Limits

Chemical	Exposure Limit
Aluminum hydroxide	1 mg/m <sup>3</sup> TWA ACGIH TLV
Talc	2 mg/m <sup>3</sup> TWA ACGIH TLV
Starch	10 mg/m <sup>3</sup> TWA ACGIH TLV
Amorphous silica	6 mg/m <sup>3</sup> NIOSH REL
Silicon dioxide	10 mg/m <sup>3</sup> TWA ACGIH TLV (total dust)

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Respiratory Protection:** In operations where exposure levels are exceeded, an approved dust/mist respirator or supplied air respirator should be used. Equipment selection depends on contaminant type and concentration. Select in accordance with applicable regulations and good industrial hygiene practice.

**Hand protection:** Impervious gloves are suggested to prevent skin contact. Contact your glove supplier for selection assistance.

**Eye Protection:** Chemical safety goggles are recommended if contact is possible.

**Skin Protection:** Wear protective clothing as needed to avoid skin contact and contamination of personal clothing.

**Hygiene measures:** Suitable eye and skin washing facilities should be available in the work area.

## Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Paste of various colors	<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	Not available	<b>pH:</b>	Not available
<b>Melting/Freezing Point:</b>	Not available	<b>Boiling Point/Range:</b>	Not available
<b>Flash Point:</b>	252°C (485.6°F) (Closed cup)	<b>Evaporation Rate:</b>	Not available
<b>Flammability: (Solid, Gas)</b>	Not applicable	<b>Flammability Limits:</b>	LEL: Not applicable UEL: Not applicable
<b>Vapor Pressure:</b>	Not available	<b>Vapor Density:</b>	Not available
<b>Relative Density:</b>	Not available	<b>Solubilities:</b>	Insoluble in water
<b>Partition Coefficient: (N-Octanol/Water)</b>	Not available	<b>Autoignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available	<b>Viscosity:</b>	Not available

## Section 10. Stability and Reactivity

**Reactivity:** The product is not expected to be reactive.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** Avoid direct sunlight.

**Incompatible Materials:** Oxidizing materials, reducing materials, and initiators.

**Hazardous decomposition products:** None if stored normally.

## Section 11. Toxicological Information

### Potential Health Effects:

**Inhalation:** None known.

**Skin Contact:** Defatting to the skin. May cause skin dryness and irritation.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** None known.

**Chronic Hazards:** Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

**Skin Sensitization:** No adverse effects expected. Components are not sensitizers.

**Respiratory Sensitization:** No data available. This product is not expected to cause respiratory sensitization.

**Germ Cell Mutagenicity:** None of the components are mutagenic.

**Carcinogen:** None of the components are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA.

**Developmental / Reproductive Toxicity:** None of the components have been shown to cause reproductive or developmental toxicity.

**Specific Target Organ Toxicity (Single Exposure):** No data available.

**Specific Target Organ Toxicity (Repeated Exposure):** No data available.

**Aspiration Toxicity:** Not an aspiration hazard.

**Acute Toxicity Values:**

Aluminum hydroxide: LD50 Oral rat: >2000 mg/kg

Amorphous silica: LD50 Oral rat: 3300 mg/kg; LD50 Dermal rabbit: >5000 mg/kg;

LC50 Inhalation rat: 0.139 mg/L/4hr

<b>Section 12. Ecological Information</b>
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**Toxicity:** Amorphous silica: 96 hr LC50 Brachydanio rerio >10000 mg/L;  
24 hr EC50 Daphnia magna >10000 mg/L

**Persistence and degradability:** Biodegradation is not applicable to inorganic substances.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

<b>Section 13. Disposal Considerations</b>
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**Disposal:** For unused solution, flush thoroughly with large quantities of water into sewage disposal system in accordance with Federal, State, and local regulations. For used solution, the waste solution must be characterized by the generator and disposed of in accordance with Federal, State, and local regulations.

**Container Disposal:** Rinse empty container thoroughly with water and discard clean, empty container as general trash or offer for recycling, if available.

<b>Section 14. Transport Information</b>
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	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
<b>US DOT</b>	None	Not Regulated	None	None	None
<b>Canada TDG</b>	None	Not Regulated	None	None	None
<b>IMDG</b>	None	Not Regulated	None	None	None
<b>IATA/ICAO</b>	None	Not Regulated	None	None	None



**Section 15. Regulatory Information****U.S. Federal Regulations:**

**EPA SARA 311/312 Hazard Classification:** Refer to Section 2 for OSHA Hazard Classification.

**EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):** None.

**Protection Of Stratospheric Ozone:** This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

**CERCLA SECTION 103:** This product is not subject to CERCLA reporting requirements; however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**US EPA TSCA Inventory:** All of the components of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or exempt.

**Canadian Regulations:**

**Canadian Environmental Protection Act:** All of the components in this product are listed on the Domestic Substances List (DSL) or exempt.

**National Pollutant Release Inventory (NPRI):** This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements NPRI: None

**International Inventories**

**Australia:** All of the components in this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempt.

**China:** All of the components in this product are listed on the Inventory of Existing Chemical Substances in China (IECSC) or exempt.

**European Union:** All the components in this product are listed on the EINECS inventory or exempt.

**Korea:** All of the components in this product are listed on the Korean Existing Chemicals List (KECL) or exempt.

**New Zealand:** All of the components in this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempt.

**Section 16. Other Information**

NFPA Rating: Fire: 1

Health: 2

Instability: 0

**Effective Date:** August 20, 2019

**Supersedes Date:** November 28, 2014

**Revision Summary:** All Sections – New SDS format

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