SECTION X: STABILITY AND REACTIVITY
Stable (x) Unstable ( )
Conditions to Avoid: Heat in excess of 40°C, direct sunlight or intense light.
Incompatibility: Free radical initiators, oxidizing agents
Hazardous Decomposition Products: Acrylic smoke
Hazardous Polymerization: May occur ( ) Will not occur (x)

SECTION XI: TOXICOLOGICAL INFORMATION
Carcinogens: None known
.

SECTION XII: ECOLOGICAL INFORMATION
This material contains hazardous components. Allow materials to cure prior to disposal.

SECTION XIII: DISPOSAL CONSIDERATIONS
Dispose of safely in accordance with local, state, and federal regulations.

SECTION XIV: TRANSPORT INFORMATION
Stable under normal conditions of use, transportation, and storage.

SECTION XV: REGULATORY INFORMATION
510k#: K951075

SECTION XVI: OTHER INFORMATION
None

The data and information given in this msds are accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of this material since this is beyond our control.

PureLife
MAKE A DIFFERENCE

www.PureLifeDental.com | 877-777-3303

PURELIFE **VPS IMPRESSION** MATERIAL

PureLife VPS Impression Material offers a variety of formulations. Each formulation is the result of extensive research to provide dependable results, ease of use, and improved clinical performance.

PureLife VPS Impression Material is odorless, tasteless and immersible in disinfectants. It offers dimensional stability, tear resistance, and accuracy of impression.

PRODUCT	**WORK TIME**	**SET TIME**
REGULAR SETTING	2.5 MINUTES	4.5 MINUTES
FAST SETTING	1.25 MINUTES	2.25 MINUTES
BITE IMPRESSION	20 SECONDS	50 SECONDS

INTRODUCTION
Purelife vinyl polysiloxane impression materials meets or exceeds all requirements for Type 0, 1, 2, and 3 impression materials specified by the American Dental Association Specification No. 19. All products are available in many choices of viscosity in cartridge format and can be used in any impression technique.

Purelife materials are manufactured to perform according to their work and set time at 72° F (23°C). Higher temperatures will decrease the work/set time. Conversely, lower temperatures will extend the work/set time. The shelf life of all materials is three years from the date of manufacture.

MIXING INSTRUCTIONS — CARTRIDGE
1. Insert cartridge into gun, remove twist-off cap, and extrude a 1/4 inch of material, while checking for even flow. Discard the dispensed material and wipe end of cartridge clean.

2. Attach an auto mix tip and squeeze the cartridge handle with smooth, even pressure.

3. Do not remove the automix tip after use. The used tip serves as a convenient seal until next use.

CLOSED BITE IMPRESSIONS

Use Regular Setting (Light and Heavy Body) or Fast Setting (Light and Heavy Body).

1. Select an appropriate impression tray. (Tip: It is best to avoid metal bite trays if a second pour is made in the laboratory. Metal trays tend to distort when the lab pries the first cast out of the impression, precluding an accurate second pour.)

2. The impression should be taken using two viscosities simultaneously. Place Heavy Body in the tray for dimensional stability and add Light Body for detail. The key to this procedure is to syringe Light Body onto clean, dry teeth, then blow thin air until only a thin film remains. If a blank area remains, dry, syringe, and blow again, until only the thin film remains. Add Light Body to cover tooth, then seat tray.

3. Have patient close onto a tray of Heavy Body and guide patient into a CO closure. It is important to rehearse the proper closure beforehand. NOTE: Putty should never be used for this procedure. It is too viscous, and induces elastic distortion.

4. Wash with water and dry the impression after removal from the mouth.

MEDIUM BODY IMPRESSION

Use Fast Setting Medium Body

Single material impressions can be used where Light Body is not required for high flow. Fast Setting Medium Body has a rapid set and fine texture, and is an ideal material to use for simple closed bite impressions as well as a preliminary for PureLife Temporary Crown and Bridge Material.

1. Syringe Medium Body around clean, dry teeth. Syringe into sideless tray.

2. Have the patient close until polymerized. Remove, wash and dry.

BITE REGISTRATION

Use PureLife Bite Registration Material

PureLife Bite Registration Material is dimensionally very stable. Use where flexibility is not required.

ADDITIONAL NOTES

- PureLife VPS Impression Material should be brought to room temperature prior to use. Exposure to prolonged temperatures above 77°F can be damaging. Store at room temperature.
- PureLife VPS Impression Material is compatible with all other vinyl polysiloxane materials.
- High viscosity materials used alone are not suitable for detailed impressions.
- Light Body impression materials used alone can flex excessively and may result in distortion.
- Vinyl polysiloxane impression materials will not work properly and may never set when sulfur, eugenol or amines are present. Certain gingival retraction cords which contain sulfides can cause sulcous areas to remain unset.

MATERIAL SAFETY DATA

SECTION 1: PRODUCT IDENTIFICATION

Company: PureLife Dental
201 Santa Monica Blvd., Suite 400
Santa Monica, CA 90401
Phone: 877-777-3303
Fax: 213-233-9643
Prepared: December 2012

SECTION II: HAZARD(S) IDENTIFICATION

OSHA Permissible Exposure Limits: None
Other Exposure Limit Used: None
ACGIH Threshold Exposure Limit: None
Chronic, Other: None

SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component
Mixture of Polydimethylsiloxane, Silica and Paraffin
Chemical Family: Silicon
No known hazardous components

SECTION IV: FIRST-AID MEASURES

Eye Contact: Flush eyes with large amounts of water, consult a physician
First Aid Procedures: For Skin — Wash off infected area with soap and water.
For Ingestion — Seek medical advice, carry container with label and MSDS.
Effects of over Exposure: N/A

SECTION V: FIRE-FIGHTING MEASURES

Flash Point: 485°F (252 °C) closed cup – DIN 51755
Extinguishing Media: Carbon dioxide, Water
Special Fire Fighting Procedures: None
Flammable limits: ND
Unusual Fire and Explosion Hazards: Irritating and/or toxic gases and aerosols may be present from the decomposition/combustion of product.

SECTION VI: ACCIDENTAL RELEASE MEASURES

None

SECTION VII: HANDLING AND STORAGE

Spill Management: Use absorbent to collect the material. Wash contaminated surfaces with soap and water

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory: None
Eye Protection: Safety goggles
Gloves: Surgical, rubber/PVC gloves
Other Clothing and Equipment: Face Mask
Ventilation: None required, local exhaust recommended

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure: NA
Vapor Density: NA
Evaporation Rate: NA
Solubility in Water: Insoluble
Boiling Point: ND
Percent Volatile: 2
Appearance and Odor: Silicon (various different colors) no odor