

From the AFFINITY™ line of 3rd Generation Impression material comes AFFINITY Crystal, an advanced silicone matrix material designed for



## PRODUCT SPECIFICATIONS & DIRECTIONS FOR USE



**1-800-265-3444**

(519) 641-3066

[www.clinicianschoice.com](http://www.clinicianschoice.com)

- Twist off and dispose of the cartridge shipping cap.
- Before filling the tray, it is recommended to discard the initially mixed (paste) amount of the material. Check to ensure both base and catalyst are expelling freely.
- Gently squeeze the impression gun handle to mix and dispense the impression material. Release handle to stop the flow.
- Leave the used auto-mix tip on the cartridge as a self-sealer after each use. For subsequent dispensing remove and discard the sealer tip, and proceed with steps 3 through 7.
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### INSTRUCTIONS FOR AUTO-MIX CARTRIDGES

Cystal's clarity is maintained for the life of the matrix. Crystal's clarity is maintained for the life of the matrix. prior to curing. And unlike many other clear matrix materials, AFFINITY place the filled matrix intraorally and inspect for voids and bubbles flash by flowing into, and duplicating, the embossed areas. Gingival flash is also avoided. Because it is completely transparent, you can easily fabricate or temporary veneers. Clear as crystal, it's the only clear matrix material to utilize branched resin chemistry, providing greater durability, a higher tear strength, and predictable results – even in the setting of the impression material to reach room temperature prior to use.

Easy to place, AFFINITY Crystal prevents the formation of interproximal a light-cured composite.

Should be your clear choice when fabricating temporary veneers with right through the matrix, and it's easy to see why AFFINITY Crystal time, add to this the ability to light-cure provisional veneer material greater durability, a higher tear strength, and predictable results – even in the setting of the impression material to reach room temperature prior to use.

### MIXING/SETTING TIMES

AFFINITY CRYSTAL	CLEAR	0-45 min.	1:30 min.	2:15 min
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### CONSIDERATIONS

- Allow impression material to reach room temperature prior to use.
- Handling retraction cord with latex gloves may subsequently prevent the setting of the impression material if direct contact occurs.

### PLEASE NOTE

- Supina-based drugs may inhibit the set time of VPS material.

### STORAGE

Vinyl polysiloxane impression material should be stored at room temperature (65°-74°F/18-24°C) and at minimum relative humidity. Ensure adequate ventilation of the premises where this product is handled and stored.

### WARRANTY

Clinician's Choice Dental Products Inc. will replace any AFFINITY Crystal stored according to the manufacturer's specifications. Clinician's Choice Dental Products Inc. does not accept liability for any loss or damage direct or consequential, arising out of the use of or the inability to use these products. Before using, the user shall determine the suitability of the product(s) for its intended use and the user assumes all risk and liability whatsoever in connection therewith.

**CAUTION** - U.S. Federal law restricts this device to sale by, or on the part of, a dentist.

### SAFETY DATA SHEET

#### SECTION 1. Identification of the substance/mixture and of the company/undertaking

Date issued: 3/6/2014  
Product name: AFFINITY CRYSTAL Clear Matrix Impression Material  
1.1. PRODUCT IDENTIFIER

#### SECTION 2. Hazards identification

1.800-265-3444 (8:00am - 5:00pm ET)  
1.4. EMERGENCY TELEPHONE NUMBER  
info@clinicianschoice.com  
For U.S. Distribution: Brookfield, CT, USA, 06804  
Canada, N6A 1M6

Name: Clinician's Choice Dental Products  
167 Central Avenue, London, ON,  
For the registration:  
Intended use: For professional use only. Addition silicone transparent

#### SECTION 3. Composition/information on ingredients

2.1.1. REGULATION 1272/2008 (CLP) AND FOLLOWING AMENDMENTS  
Hazard classification and indication: Not controlled

#### SECTION 4. First aid measures

4.1. DESCRIPTION OF FIRST AID MEASURES  
No hazardous reactions are foreseeable in normal conditions of use and storage.

#### SECTION 5. Firefighting measures

5.1. EXTINGUISHING MEDIA  
SUITABLE EXTINGUISHING EQUIPMENT  
Extinguishing substances are: carbon dioxide, foam, chemical powder.

3.1. SUBSTANCES  
Information not relevant.

### SECTION 10. Stability and reactivity.

10.1. REACTIVITY.  
There are no particular risks of reaction with other substances in normal conditions of use.

10.2. CHEMICAL STABILITY.  
The product is stable in normal conditions of use and storage.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS.  
No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. CONDITIONS TO AVOID.  
None in particular. However the usual precautions used for chemical products should be respected.

10.5. INCOMPATIBLE MATERIALS.  
Information not available.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS.  
Information not available.

10.7. TOXICITY.  
Information not available.

10.8. HAZARDOUS DECOMPOSITION PRODUCTS.  
Information not available.

10.9. HAZARDOUS DECOMPOSITION PRODUCTS.  
Information not available.

10.10. HAZARDOUS DECOMPOSITION PRODUCTS.  
Information not available.

10.11. INFORMATION ON TOXICOLOGICAL EFFECTS.  
Information not available.

10.12. INFORMATION ON TOXICOLOGICAL EFFECTS.  
Information not available.

10.13. INFORMATION ON TOXICOLOGICAL EFFECTS.  
Information not available.

If the substance considered is odorless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties.

#### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES.

Appearance	fluid
Color	transparent
Odor	odorless
Odor threshold.	Not available.
pH.	Not available.
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	Not available.
Evaporation Rate	NA
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapor pressure.	Not available.
Vapor density	NA
Relative density.	Not available.
Solubility	insoluble in water
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.

9.2. OTHER INFORMATION.  
Information not available.

### SECTION 7. Handling and storage.

7.1. PRECAUTIONS FOR SAFE HANDLING.  
Keep away from heat, sparks and naked flames. Do not smoke or use matches or lighters around this product. Without adequate ventilation, vapors may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES.  
Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. SPECIFIC END USE(S).  
Information not available.

### SECTION 8. Exposure controls/personal protection.

8.1. CONTROL PARAMETERS.  
Information not available.

8.2. EXPOSURE CONTROLS.  
Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION  
None required.

SKIN PROTECTION  
None required.

EYE PROTECTION  
None required.

RESPIRATORY PROTECTION  
If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (See standard EN 14387). In the presence of gases or vapors of various kinds and/or gases or vapors containing particulate (aerosol sprays, fumes, mists, etc.), combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

6.4. REFERENCE TO OTHER SECTIONS.  
Any information on personal protection and disposal is given in sections 8 and 13.

6.5. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE.  
HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE  
Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe the combustion products.

6.6. OTHER HAZARDS.  
Precautionary statements:  
Signal words:  
Hazard pictograms:  
Hazard classification and indication: Not controlled

6.7. LABEL ELEMENTS.  
Hazard classification and indication: Not controlled

6.8. OTHER HAZARDS.  
Precautionary statements:  
Signal words:  
Hazard pictograms:  
Hazard classification and indication: Not controlled

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Hazard classification and indication: Not controlled

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