



From the Affinity™ line of 3rd Generation Impression material comes Affinity Crystal, an advanced silicone matrix material designed for easy fabrication of temporary veneers. Clear as crystal, it's the only clear matrix material on utilize branched resin chemistry, providing greater durability, a higher tear strength, and predictable results – every time. Add to this the ability to light-cure individual veneer material right through the matrix and it's easy to see why Affinity Crystal should be your clear choice when fabricating temporary veneers with a light-cured composite.

Easy to place, Affinity Crystal prevents the formation of interproximal flash by flowing into, and duplicating, the embrasure areas. Gingival flash is also avoided. Because it is completely transparent, you can flash as the filled matrix intraveneally and inspect for voids and bubbles prior to curing. And unlike many other clear matrix materials, Affinity Crystal's clarity is maintained for the life of the matrix.

INSTRUCTIONS FOR AUTO-MIX CARTRIDGES

- 1) Insert the flange at the rear of the cartridge into the space provided between the impression material and the cartridge.
- 2) Twist off and dispose of the cartridge shipping cap.
- 3) Attach a mixing tip and twist 1/4 turn to lock it into position.
- 4) The mixing is done automatically inside the mixing tip.
- 5) Squeeze the gun handle to engage the plunger into the cartridge, making sure the cartridge and plunger are aligned.
- 6) Before filling the tray, it is recommended to discard the initially mixed (part-sized) amount of the material. Check to ensure both base and catalyst are expressing freely.
- 7) Gently squeeze the impression gun handle to mix and dispense the impression material. Release handle to stop the flow.

Each use. For subsequent dispensing remove and discard the sealer tip, and proceed with steps 3 through 7.

AFFINITY CRYSTAL		CLEAR	
INTRAYAL MAXIMUM SET TIME FROM START	WORKING TIME	COLOR	WORKING TIME
1:30 min.	0:45 min.	0:45 min.	1:30 min.
2:15 min.			

MIXING/SETTING TIMES

- Please note: Supine-based drugs may inhibit the set time of VPS material.
- 1) Allow impression material to reach room temperature prior to use.
 - 2) Handling retraction cord with latex gloves may subsequently prevent the setting of the the impression material if direct contact occurs.

Why polysiloxane impression material should be stored at room temperature (65°-75°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 order of, a dentist.

SECTION 14: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKER	
Product name: Affinity Crystal Clear Matrix Impression Material	
1.1. PRODUCT IDENTIFIER	
1.2. RETEVALUATED IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE (CATALYST)	
1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	
1.4. EMERGENCY TELEPHONE NUMBER	info@clinicianschoice.com 167 Central Avenue, London, ON, Canada, N6A 1M6
1.5. EMERGENCY TELEPHONE NUMBER	1-800-265-3444 (8:00am -5:00pm ET) (519) 414-3068 (8:00am -5:00pm ET)

SAFETY DATA SHEET

Date issued: 3/6/2014

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

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

2.2. LABEL ELEMENTS: Hazard pictograms: --
Signal words: --
Hazard statements: --
Precautionary statements: --
Information not available.

3.1. SUBSTANCES: Information not relevant.

SECTION 4: FIRST AID MEASURES	
4.1. DESCRIPTION OF FIRST AID MEASURES: No episodes of harm to the staff authorized to use the product have been reported. The following general measures should be adopted if indicated by the doctor. Do not give anything by mouth to an unconscious person.	
4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: EYES and SKIN: Wash with plenty of water. In the event of persistent irritation, get medical advice/attention.	
4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Information not available.	

4.3.1. INFORMATION ON FIRST AID MEASURES: The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

4.3.2. MIXTURES: 3.2. MIXTURES.

5.1. EXTINGUISHING MEDIA, SUITABLE EXTINGUISHING EQUIPMENT: Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapors and protect those trying to stem the leak.

5.2. 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 combustion products.

SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1. PERSONAL PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Block the leakage if there is no hazard. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing itself and those involved in emergency procedures.	
6.2. ENVIRONMENTAL PRECAUTIONS: The product must not penetrate into the sewer system or come into contact with surface water or ground water.	

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP: Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

6.4. REFERENCE TO OTHER SECTIONS: sections 8 and 13.

6.5. REFERENCES TO OTHER SECTIONS: sections 8 and 13.

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.	

7.3.1. 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.

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7.3.3. SPECIFIC END USE(S): Information not available.

7.3.4. 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.

8.2.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES: 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES.

9.1.1. 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 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.	

9.2.1. 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.

9.2.2. OTHER INFORMATION: Information not available.

9.2.3. OTHER INFORMATION: Information not available.

9.2.4. OTHER INFORMATION: Information not available.

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