

Precautions:

1. Replace luer lock caps when syringes are not in use or use TipSoc™ covers.
2. Tips are disposable.
3. Bristle length of the Inspiral Brush tip is customized by grasping bristles and moving them in or out of tip end. Shorten the bristle length for a stiffening effect of the brush fibers for deeper penetration of resin into fissures. Fibers adjust to about 1.2mm.
4. Clean and disinfect syringes between patients. Use Ultradent® Syringe Covers sealed with the Ultradent® Impulse Sealer for a protective barrier against cross-contamination.
5. Never attempt to deliver any Ultradent etchant or sealant through any brush tip other than the Inspiral Brush tip. Alternative (nonbrush) tips are Blue Micro tips (for Ultra-Etch) and Black Micro tips (for UltraSeal XT plus).
6. Always twist tips securely onto syringes. Use slow, steady pressure when expressing the resin through the Inspiral Brush tip. Never use extreme force when delivering any material. If there is resistance to flow, replace with a fresh tip.

Ultra-Etch:

1. Experiment with the application of Ultra-Etch on a mixing pad BEFORE use on patients to become familiar with the ease with which the viscous solution moves through the tip. Never use intraorally before checking flow from a tip. Never force plunger to start flow intraorally; this could result in a subsequent uncontrolled discharge of material. If there is resistance to flow, DO NOT proceed. Replace with a fresh tip and test again before using on patient. Excess force will cause the tip to come off, resulting in expression of syringe contents.
2. Remember that any strong acid such as phosphoric acid can burn and irritate tissues. Be careful not to splash into eyes, onto mucous membranes, skin or any other area. Confine to areas being etched only. Any other area of exposure should be immediately rinsed with lots of water.

PrimaDry:

1. Material is flammable. Handle with care.
2. Following evaporation of PrimaDry, a solid residue will remain. If this occurs on the brush tip, simply wipe off. Small quantities will redissolve as more PrimaDry is dispensed through the tip. DO NOT use the Inspiral Brush tip for PrimaDry delivery, as it flows too readily through the tip. To prevent drying of volatile materials after attaching tip, cap with TipSoc covers.
3. PrimaDry is not to be used for dentin/enamel bonding.

UltraSeal XT plus:

1. Establish adequate isolation before placing sealants. A clean, dry field is essential for sound bonding.
2. Never force syringe plunger; use a slow, steady pressure when applying UltraSeal XT plus. If there is excess resistance to flow, replace the Inspiral Brush tip with a fresh tip and check flow before proceeding. Forcing syringe plunger will cause tip to come off, resulting in uncontrolled discharge of syringe contents.
3. As a flowable composite restorative, limit usage to small restorations or the initial layer of large restorations.
4. Use oil-free, moisture-free air for drying following etching and drying agent application.
5. Any resin can be sensitizing to the patient, causing an allergic reaction if individual is already sensitized. Wash exposed area completely to remove material. If dermatitis, rash or any other allergic reaction is observed, consult a physician.

ULTRADENT PRODUCTS, INC. MATERIAL SAFETY DATA SHEET			
SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/DEPARTMENT			
Product Name: PrimaDry™		Manufacturer: Ultradent Products, Inc.	
Address: 505 West 10200 South, South Jordan, Utah 84095 USA		Emergency: 1-800-552-5312 or 1-801-572-4200 (Outside USA)	
Date: September 2, 1997		Prepared by: Steve Jensen, Chemist	
SECTION II - COMPOSITION INFORMATION ON INGREDIENTS			
Active Ingredients:	Concentration %:	U.S. & Foreign Trade Names:	C.A.B. No. or U.S. No.:
Diethyl Alcohol	99%	LD50 3500mg/kg Oral - Mouse LC50 50mg/kg Inhalation - Mouse (4h test after acute)	64-17-3
SECTION III - HAZARD IDENTIFICATION			
Hazardous to Health: Ethanol ingested in large volumes can be toxic.			
SECTION IV - FIRST AID MEASURES			
Eye Contact:	Flush with lots of water.	Eye Contact:	Flush with lots of water.
Wash with soap and water.		Ingestion:	Give large amounts of water or milk.
SECTION V - FIRE-FIGHTING MEASURES			
Flammable:	Yes. Under test conditions.	Exposure to sparks, flame, or heat:	Response to sparks, flame, or heat.
Flash Point (°C):	None	Auto-ignition (°C):	None
SECTION VI - ACCIDENTAL RELEASE MEASURES			
Personal & Environmental Precautions:	Not defined.	Evacuation:	Not defined.
Methods for Cleaning:	Wipe up with paper towel or slush.	Spillage:	Spill at room temperature. Ventilate area. Do not allow direct sunlight.
SECTION VII - EXPOSURE CONTROL/PERSONAL PROTECTION			
Respiratory:	N/A	Eye Protection:	Protective eyewear.
Hand Protection:	N/A	Foot Protection:	Lab coat.
Other:	Wash hands.	Other:	Lab coat.
SECTION VIII - PHYSICAL & CHEMICAL PROPERTIES			
Appearance:	Clear liquid.	Stability:	Completely stable.
Odor:	Diethyl alcohol odor.	Other Data:	Rapid evaporation rate. 99% volatile.
SECTION IX - STABILITY AND REACTIVITY			
Chemical Stability:	Stable under normal conditions.	Reactivity with Water:	None.
Reactivity with Air:	None.	Reactivity with Acids:	None.
SECTION X - TOXICOLOGICAL INFORMATION			
Route of Entry:	Inhalation	LD50:	3500 mg/kg
Route of Entry:	Ingestion	LD50:	50 mg/kg
Route of Entry:	Inhalation	LD50:	50 mg/kg
SECTION XI - ECOLOGICAL INFORMATION			
Biodegradability:	Yes.	Other Data:	None.
SECTION XII - DISPOSAL CONSIDERATIONS			
Waste Disposal:	None.	Other Data:	None.
SECTION XIII - TRANSPORT INFORMATION			
Transportation:	None.	Other Data:	None.
SECTION XIV - REGULATORY INFORMATION			
Regulatory Information:	None.	Other Data:	None.
SECTION XV - OTHER INFORMATION			
FOR DENTAL USE ONLY. Use as directed. The information and recommendations are taken from sources (raw material MSDS's) and manufacturer's knowledge believed to be accurate. However, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.			

ULTRADENT PRODUCTS, INC. MATERIAL SAFETY DATA SHEET			
SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/DEPARTMENT			
Product Name: UltraSeal XT plus™		Manufacturer: Ultradent Products, Inc.	
Address: 505 West 10200 South, South Jordan, Utah 84095 USA		Emergency: 1-800-552-5312 or 1-801-572-4200 (Outside USA)	
Date: August 29, 1997		Prepared by: Steve Jensen, Chemist	
SECTION II - COMPOSITION INFORMATION ON INGREDIENTS			
Active Ingredients:	Concentration %:	U.S. & Foreign Trade Names:	C.A.B. No. or U.S. No.:
Bis-GMA	proprietary	Not established	1565-94-2
SECTION III - HAZARD IDENTIFICATION			
Hazardous to Health: May cause sensitization.			
SECTION IV - FIRST AID MEASURES			
Eye Contact:	Flush with lots of water. Call a physician if needed.	Eye Contact:	Flush with lots of water. Call a physician if needed.
Wash with soap and water.		Ingestion:	In large amounts, induce vomiting.
SECTION V - FIRE-FIGHTING MEASURES			
Flammable:	Yes. Under test conditions.	Exposure to sparks, flame, or heat:	Avoid contact with open flame.
Flash Point (°C):	None	Auto-ignition (°C):	None
SECTION VI - ACCIDENTAL RELEASE MEASURES			
Personal & Environmental Precautions:	None.	Evacuation:	None.
Methods for Cleaning:	Wipe up as much as possible with dry cloth. Clean remainder with alcohol.	Spillage:	Refillage when not in use.
SECTION VII - EXPOSURE CONTROL/PERSONAL PROTECTION			
Respiratory:	N/A	Eye Protection:	Protective eyewear.
Hand Protection:	N/A	Foot Protection:	Lab coat.
Other:	Wash hands.	Other:	Lab coat.
SECTION VIII - PHYSICAL & CHEMICAL PROPERTIES			
Appearance:	Tinted liquid.	Stability:	Stable.
Odor:	Slight acrylic odor.	Other Data:	None.
SECTION IX - STABILITY AND REACTIVITY			
Chemical Stability:	Stable under normal conditions.	Reactivity with Water:	None.
Reactivity with Air:	None.	Reactivity with Acids:	None.
SECTION X - TOXICOLOGICAL INFORMATION			
Route of Entry:	Inhalation	LD50:	None
Route of Entry:	Ingestion	LD50:	None
Route of Entry:	Inhalation	LD50:	None
SECTION XI - ECOLOGICAL INFORMATION			
Biodegradability:	None.	Other Data:	None.
SECTION XII - DISPOSAL CONSIDERATIONS			
Waste Disposal:	None.	Other Data:	None.
SECTION XIII - TRANSPORT INFORMATION			
Transportation:	None.	Other Data:	None.
SECTION XIV - REGULATORY INFORMATION			
Regulatory Information:	None.	Other Data:	None.
SECTION XV - OTHER INFORMATION			
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ULTRADENT PRODUCTS, INC. MATERIAL SAFETY DATA SHEET			
SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/DEPARTMENT			
Product Name: Ultra-Bond™ and Ultra-Bond™ AB		Manufacturer: Ultradent Products, Inc.	
Address: 505 West 10200 South, South Jordan, Utah 84095 USA		Emergency: 1-800-552-5312 or 1-801-572-4200 (Outside USA)	
Date: June 10, 1997		Prepared by: Steve Jensen, Chemist	
SECTION II - COMPOSITION INFORMATION ON INGREDIENTS			
Active Ingredients:	Concentration %:	U.S. & Foreign Trade Names:	C.A.B. No. or U.S. No.:
Phosphoric Acid	35%	LD50 1530 mg/kg Oral - Rat	7664-38-2
Cetylpyridinium Chloride (dx Ultra-Etch AB)	3%	LD50 1530 mg/kg Oral - Rabbit	6004-24-6
SECTION III - HAZARD IDENTIFICATION			
Hazardous to Health: Irritates eyes and skin.			
SECTION IV - FIRST AID MEASURES			
Eye Contact:	Flush immediately with water. Get medical attention.	Eye Contact:	Flush immediately with water. Get medical attention.
Wash with soap and water.		Ingestion:	Do not induce vomiting. Give large amounts of water or milk. Call a physician.
SECTION V - FIRE-FIGHTING MEASURES			
Flammable:	Yes. Under test conditions.	Exposure to sparks, flame, or heat:	Avoid contact with open flame.
Flash Point (°C):	None	Auto-ignition (°C):	None
SECTION VI - ACCIDENTAL RELEASE MEASURES			
Personal & Environmental Precautions:	Avoid contact with skin, eyes, and clothing.	Evacuation:	None.
Methods for Cleaning:	Clean up with wet rag. Neutralize with baking soda.	Spillage:	Store at room temperature.
SECTION VII - EXPOSURE CONTROL/PERSONAL PROTECTION			
Respiratory:	N/A	Eye Protection:	Protective eyewear.
Hand Protection:	N/A	Foot Protection:	Lab coat.
Other:	Wash hands.	Other:	Lab coat.
SECTION VIII - PHYSICAL & CHEMICAL PROPERTIES			
Appearance:	Blue gel (Ultra-Bond); Light blue gel (Ultra-Bond AB)	Stability:	Partial.
Odor:	None.	Other Data:	None.
SECTION IX - STABILITY AND REACTIVITY			
Chemical Stability:	Stable under normal conditions.	Reactivity with Water:	None.
Reactivity with Air:	None.	Reactivity with Acids:	None.
SECTION X - TOXICOLOGICAL INFORMATION			
Route of Entry:	Inhalation	LD50:	None
Route of Entry:	Ingestion	LD50:	None
Route of Entry:	Inhalation	LD50:	None
SECTION XI - ECOLOGICAL INFORMATION			
Biodegradability:	None.	Other Data:	None.
SECTION XII - DISPOSAL CONSIDERATIONS			
Waste Disposal:	None.	Other Data:	None.
SECTION XIII - TRANSPORT INFORMATION			
Transportation:	None.	Other Data:	None.
SECTION XIV - REGULATORY INFORMATION			
Regulatory Information:	None.	Other Data:	None.
SECTION XV - OTHER INFORMATION			
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