

**I – Identification of the Substance and of the Company**

**SUPPLIER:** RMO, Inc.  
650 W. Colfax Ave.  
Denver, CO 80204  
303-592-8200

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

**Trade Name and Synonyms –**  
RMBond® Separating Medium

**Description:** Indirect Bonding System  
Separating Medium

**Product Grade / Name:**  
X-Foil, Premium Liquid Foil

**II – Composition / Information on Ingredients**

**Formula:** Proprietary aqueous mixture of film forming and separating agents for use in dental processing.

**Chemical Characteristics (Material):** Proprietary co-solvent, less than 10%.

**III – Hazards Identification**

**Material:** Proprietary co-solvent, less than 10%.

**Nature of Hazard:** Mild Irritant.

**Carcinogenicity:** No ingredients identified as carcinogen or potential carcinogen by NTP, IARC or OSHA.

**Risk Identification:** None Known.

**Special Risks for Human Beings and Environment:** None Known

**Classification:** Unknown.

**IV – First Aid Measures**

**Skin:** Wash well with soap and water. If irritation develops contact a physician.

**Eyes:** Flush with cool water for 15 minutes. If irritation develops or persists contact a physician.

**Inhalation:** If affected, remove to fresh air. If irritation persists contact a physician.

**Ingestion:** Give water to drink and induce vomiting.

**V – Fire Fighting Measures**

**Flash Point (method used):** Not Flammable.

**Flammable Limits:** Material is non-flammable.

**Extinguishing Media:** Any may be used.

**Special Fire Fighting Procedures:** None.

**Unusual Fire and Explosion Hazard:** None. Thermal decomposition may liberate irritating fumes. The product is slippery if spilled on the floor.

**Protective Equipment:** Not Identified.

## VI – Accidental Release Measures

**In Case of Spillage:** Material may be wiped up with cloth or paper toweling and discarded in trash. Residues may be flushed down laboratory drain with water.

**Waste Disposal:** Material may be discarded in trash. Residues may be flushed down laboratory drain with water.

**Personal Precautions:** Not Identified.

**Environmental Precautions:** Not Identified.

**Methods for Cleaning Up:** Material may be wiped up with cloth or paper toweling and discarded in trash. Residues may be flushed down laboratory drain with water.

**Additional Information:** Not Identified.

## VII – Handling and Storage (Lab Quantities)

Keep containers well closed. Store in cool, dry, well ventilated area. For laboratory or office use only. Keep out of reach of children. Avoid heat and direct sunlight. Normal precautions of laboratory good housekeeping practices should be followed.

**Recommendation for Fire and Explosion Protection:** Not Applicable.

**Storage:** Store in cool, dry, well ventilated area.

**Requirements at Storerooms and Containers:** Keep containers well closed. Store in cool, dry, well ventilated area.

**Additional Storage Conditions:** Keep out of reach of children. Avoid heat and direct sunlight. Normal precautions of laboratory good housekeeping practices should be followed.

## VIII – Exposure Controls / Personal Protection

**Threshold Limit Value:** None. Established for this mixture. 50 PPM on aerosol of minor ingredient.

**Health Hazards:** Effects of overexposure to product.

**Skin:** Prolonged contact may cause irritation.

**Eyes:** Direct contact may cause irritation.

**Inhalation:** May cause irritation of respiratory system, but is highly unlikely in normal lab use.

**Ingestion:** May cause gastrointestinal irritation, and CNS depression (drowsiness, dizziness, fatigue and visual disturbances).

**Protection Information:**

**Ventilation:** Mechanical (General) acceptable.

**Skin:** Not usually required.

**Eyes:** Safety glasses or goggles. Do not wear contact lenses when handling chemicals.

**Respiratory:** None needed in normal use.

**Other Protective Equipment:** Eye-wash station.

## IX – Physical and Chemical Properties

**Appearance:** Clear to slightly hazy, viscous, pale ivory or pink colored liquid.

**Form:** Liquid.

**Color:** Clear to slightly hazy, pale ivory or pink

**Information on Change in the Physical State:**

**Melting Point/Melting Range:** 32°F

**Boiling Point/Boiling range:** Approx. 212°F

**Flash Point:** Not Flammable.

**Flammable Limits:** Material is non-flammable.

**Autoignition Temperature:** Not Applicable.  
**Vapor Density (Air-1):** Not Applicable.  
**Vapor Pressure (mm Hg):** Not Applicable.  
**Specific Gravity (H<sub>2</sub>O-1):** 1.1 at 25°C.  
**pH of Solution:** 8 – 9.  
**Percent Volatile:** Greater than 80%.  
**Evaporation Rate (BuAC=1):** As water.  
**Solubility in/Mixability with:**  
**Water Solubility:** Complete.

#### X – Stability and Reactivity

**Stability:** Stable.  
**Conditions to Avoid:** Extreme heat.  
**Incompatibility (Materials to Avoid):** Strong Oxidizing agents and acids.  
**Hazardous Decomposition Products:** Products of combustion include smoke, oxides of carbon.  
**Hazardous Polymerization:** Will not occur.

#### XI – Toxicological Information.

**Carcinogenicity:**  
NTP: Not known.  
IARC Monographs: Not known.  
OSHA Regulated: Not known.  
ACIGH: Not known.  
**TLV:** Not known.  
**Primary Routes of Entry:** Not known.

#### XII – Ecological Information

**General Information:** Not known.  
**Classification of Water Endangerment:** Not known.

#### XIII – Disposal Considerations

**Steps to be taken in case material is released or spilled:**  
**Waste Disposal Method:** Bags may be discarded in trash, or laboratory quantities may be flushed down drain with water.

#### XIV – Transportation Information

#### XV – Regulatory Information

**Classification According to EEC Guidelines:** Not known.  
**National Prescriptions:** Not known.  
**Classification According to VbF:** Not known.

**XVI – Other Information**

**DOT Shipping:** No restrictions.

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