

**SECTION 1: IDENTIFICATION OF PRODUCT**

FORMULA: PROPRIETARY AQUEOUS MIXTURE OF FILM FORMING AND SEPARATING AGENTS FOR USE IN DENTURE PROCESSING.  
SYNONYM OR CROSS REFERENCE: DIAMOND ULTRA-SEP TIN-FOIL SUBSTITUTE

**SECTION 2: HAZARDOUS INGREDIENTS**

MATERIAL: PROPRIETARY CO-SOLVENT, LESS THAN 10%.  
NATURE OF HAZARD: MILD IRRITANT

**SECTION 3: PHYSICAL DATA**

MELTING POINT: 32 °F; APPROX. 212 °F  
BOILING POINT: (mm Hg): N/A  
VAPOR PRESSURE: (mm Hg): N/A  
SPECIFIC GRAVITY: (H<sub>2</sub>O=1): 1.1 at 25°C  
VAPOR DENSITY: (Air =1): N/A  
WATER SOLUBILITY: COMPLETE  
PH OF SOLUTION: 8 - 9  
PERCENT VOLATILE: GREATER THAN 80%  
EVAPORATION RATE: (BUAC =1): AS WATER  
APPEARANCE: CLEAR TO SLIGHTLY HAZY, VISCOUS, PALE IVORY OR PINK COLORED LIQUID.

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (method used): NOT FLAMMABLE  
FLAMMABLE LIMITS: MATERIAL: NON-FLAMMABLE.

FIRE 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.

**SECTION 5: HEALTH HAZARD**

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).

FIRST AID PROCEDURES:

Skin: WASH WELL WITH SOAP AND WATER. IF IRRITATION DEVELOPS CONTACT A PHYSICIAN.

Eyes: FLUSH WITH COOL WATER FOR 15 MIN. 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.

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

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**Emergency Phone Numbers:** (800) 535-5053  
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**NFPA RATINGS**  
HEALTH HAZARD: 1  
FIRE & EXPLOSION: 0  
REACTIVITY: 0  
PROTECTION: A

**SECTION 6: REACTIVITY DATA**

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.

**SECTION 7: SPILL AND DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

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 METHOD:

RAGS MAY BE DISCARDED IN TRASH, OR LABORATORY QUANTITIES MAY BE FLUSHED DOWN DRAIN WITH WATER.

**SECTION 8: 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.

**SECTION 9: 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.

**SECTION 10: MISCELLANEOUS INFORMATION**

DOT SHIPPING: NO RESTRICTIONS.

Revision Date: 3/06

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