

**VALCO CINCINNATI CONSUMER PRODUCTS INC.**  
**MATERIAL SAFETY DATA SHEET**  
**MATERIAL NAME:** RETAINER 110  
**PART NUMBER(S):** 710XX449  
**EMERGENCY TELEPHONE NO.:** CALL INFOTRAC AT 1-800-535-5053  
**PRODUCT INFORMATION NO.:** (513) 874-6550  
**DATE ISSUED:** AUGUST 2009

**SECTION I – GENERAL INFORMATION**

**MANUFACTURER'S NAME:** VALCO CINCINNATI  
**ADDRESS:** 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246  
**TRADE NAME & SYNONYMS:** ANAEROBIC  
**DOT SHIPPING NAME:** NOT REGULATED **HAZARD CLASS:** NONE  
**SHELF LIFE:** 2 YEARS

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**COMPOSITION/INFORMATION ON INGREDIENTS:**

<u>INGREDIENTS</u>	<u>CAS NO.</u>	<u>%</u>
PEG 200	25322-68-3	10-20
AROMATIC DIMETHACRYLATE	24448-20-2	50-70
HYDROXY METHACRYLATE	868-77-9	10-20
ORGANIC PEROXIDE*	80-15-9	1-2
ACRYLIC ACID*	79-10-7	1-5
BISPHENOL A FUMARATE RESIN	39382-25-7	3-15

\*THIS COMPONENT IS LISTED AS A SARA SECTION 313 TOXIC CHEMICAL

**INGREDIENTS WHICH HAVE EXPOSURE LIMITS:**

<b>EXPOSURE LIMITS (TWA)</b>	<b>ACGIH (TLV)</b>	<b>OSHA (PEL)</b>	<b>OTHER INGREDIENTS</b>
ACRYLIC ACID	2ppm TWA SKIN 5.9 mg/m3 SKIN	10ppm TWA SKIN 30mg/m3 SKIN	1ppm TWA SKIN 3ppm STEL SKIN
ORGANIC PEROXIDE	NONE	NONE	1ppm (6mg/m3) SKIN(WHEEL)

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

**APPEARANCE:** GREEN LIQUID  
**BOILING POINT:** MORE THAN 300°F  
**SOLUBILITY IN WATER:** SLIGHT  
**VAPOR PRESSURE:** LESS THAN 0.5 mmbar @ 20°C  
**EVAPORATION RATE:** (ETHER =1) NOT AVAILABLE

**ODOR:** SHARP, IRRITATING  
**PH:** DOES NOT APPLY  
**SPECIFIC GRAVITY:** 1.1 @ 25°C  
**VAPOR DENSITY:** NOT AVAILABLE

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** MORE THAN 200°F  
**EXTINGUISHING AGENTS:** CARBON DIOXIDE, FOAM, DRY CHEMICAL  
**SPECIAL FIREFIGHTING PROCEDURES:** NOT AVAILABLE  
**UNUSUAL FIRE OR EXPLOSION DATA:** NONE

**SECTION V – REACTIVITY DATA**

**STABILITY:** STABLE  
**INCOMPATIBILITY:** NONE  
**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR  
**CONDITIONS TO AVOID:** NONE

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**SECTION VI – HEALTH HAZARD DATA**

**ROUTES OF ENTRY:** EYES, SKIN, INHALATION, INGESTION  
**EYES:** LIQUID AND VAPORS ARE EYE IRRITANTS  
**SKIN:** LIQUID AND VAPORS ARE SKIN IRRITANTS. MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS.  
**INHALATION:** UPPER RESPIRATORY AND LUNG DISEASES, DERMATITIS  
**INGESTION:** HEADACHE, NAUSEA

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH AT LEAST 15 MINUTES WITH PLENTY OF WATER. OBTAIN MEDICAL ATTENTION.  
**SKIN:** WASH WITH SOAP AND WATER.  
**INHALATION:** DOES NOT APPLY.  
**INGESTION:** DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

**SECTION VII – TOXIC SUBSTANCES ACT**

**ESTIMATED ORAL LD50:** > 5000 mg/kg  
**ESTIMATED DERMAL LD50:** > 2000 mg/kg

**SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE OF A SPILL OR LEAK:** SOAK UP WITH AN INERT ABSORBENT. STORE IN CLOSED CONTAINER UNTIL DISPOSAL.  
**HANDLING AND STORAGE:** STORE AT OR BELOW 100°F. AVOID PROLONGED CONTACT WITH EYES AND SKIN.  
**PERSONAL PROTECTION EQUIPMENT RECOMMENDED:**  
**EYES:** SAFETY GLASSES OR GOGGLES.  
**SKIN:** NEOPRENE, RUBBER OR BUTYL RUBBER GLOVES.  
**VENTILATION:** DOES NOT APPLY.  
**RESPIRATORY:** NOT AVAILABLE.

**SECTION IX – CONTROL MEASURES**

**DISPOSAL METHODS:** DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AT TIME OF DISPOSAL. NOT A RCRA HAZARDOUS WASTE MATERIAL.

**SECTION X – DISCLAIMER**

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE; OBTAINED FROM SOURCES BELIEVED BY VALCO CINCINNATI, INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HERewith.