

**VALCO CINCINNATI CONSUMER PRODUCTS INC.**  
**MATERIAL SAFETY DATA SHEET**  
**MATERIAL NAME:** HIGH STRENGTH RETAINER GREEN  
**PART NUMBER(S):** 710XX343  
**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  
**HMS:** HEALTH – 2 **FLAMMABILITY – 1** **REACTIVITY - 1**  
**DOT SHIPPING NAME:** NOT REGULATED **HAZARD CLASS:** NONE  
**SHELF LIFE:** 1 YEAR

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

**COMPOSITION/INFORMATION ON INGREDIENTS:**

<b>INGREDIENTS</b>	<b>CAS NO.</b>	<b>%</b>
POLYGLYCOL DIMETHACRYLATE	25852-47-5	10-20
ORETHANE METHACRYLATE RESIN	5888-33-5	50-70
HYDROXYALKYL METHACRYLATE	27813-02-1	10-20
ACRYLIC ACID*	79-10-7	1-5
ORGANIC PEROXIDE*	80-15-9	1-2

\*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>
ORGANIC PEROXIDE	NONE	NONE	1 ppm(6mg/m3) SKIN(WHEEL)
ACRYLIC ACID	2 ppm TWA SKIN 5.9 mg/M3 SKIN	10 ppm TWA SKIN 30 mg/m3 SKIN	1 ppm TWA SKIN 3 ppm STEL SKIN

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>APPEARANCE:</b> GREEN LIQUID	<b>ODOR:</b> SHARP, IRRITATING
<b>BOILING POINT:</b> MORE THAN 300°F	<b>PH:</b> NOT APPLICABLE
<b>SOLUBILITY IN WATER:</b> SLIGHT	<b>SPECIFIC GRAVITY:</b> 1.1 @ 25°C
<b>VAPOR PRESSURE:</b> < 0.5 MMBAR AT 20°C	<b>VAPOR DENSITY:</b> NOT AVAILABLE
<b>EVAPORATION RATE:</b> (ETHER = 1) NOT AVAILABLE	

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

**FLASH POINT:** > 200°F  
**EXTINGUISHING AGENTS:** CARBON DIOXIDE, FOAM, DRY CHEMICAL  
**SPECIAL FIREFIGHTING PROCEDURES:** NOT AVAILABLE  
**UNUSUAL FIRE OR EXPLOSION DATA:** NONE  
**HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:** NONE

**SECTION V – REACTIVITY DATA**

<b>STABILITY:</b> STABLE	<b>HAZARDOUS POLYMERIZATION:</b> WILL NOT OCCUR
<b>INCOMPATIBILITY:</b> NONE	<b>CONDITIONS TO AVOID:</b> NONE
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> NONE	

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**SECTION VI – HEALTH HAZARD DATA**

**ROUTES OF ENTRY:** EYES, SKIN, INHALATION, INGESTION  
**EYES:** LIQUID AND VAPORS ARE AN EYE IRRITANT.  
**SKIN:** LIQUID AND VAPORS ARE A SKIN IRRITANT. MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS.  
**INHALATION:** CAN AGGRIVATE UPPER RESPIRATORY AND LUNG DISEASES.  
**INGESTION:** N/A

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH WITH WATER 15 MINUTES MINIMUM. 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**

**TOXICITY:** ESTIMATED ORAL LD 50 > 5000 mg/kg  
ESTIMATED DERMAL LD 50 > 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.