

# MATERIAL SAFETY DATA SHEET

## 1. Product Information

Product Name: BIO-Vee Seal

Chemical Family: Highly Modified Catalyzed Potassium Hybrid

## 2. Hazardous Ingredients

Ingredient Names	Weight %	Occupational Exposure Limits	
		PEL or T.V.	ORAL LD-50
Proprietary Catalyzed Potassium			

## 3. Physical Data

<b>Boiling Point (0 of F):</b>	About 212 F (Same as Water)	<b>Specific Gravity: (H@ 0-1)</b>	1.1 to 1.3 @ 20C
<b>Vapor Pressure:</b>	/20 C / 68 F Water	<b>Percent Volatile By Volume:</b>	N/A
<b>Vapor Density:</b>	N/A	<b>pH:</b>	11.5
<b>Solubility in Water:</b>	Excellent	<b>Evaporation Rate:</b>	Same as water
<b>Appearance and Other:</b>	Clear-Slightly Amine		

## 4. Fire and Explosion Data

**Flash Point:** Not Applicable      **Flammable Limits:** N/A

## 5. Health Hazard Data

### SYMPTOMS/AFFECTS OF OVER EXPOSURE

**EYES:** Slight irritation  
**SKIN:** Slight irritation  
**INHALATION OF VAPOR:** Can cause headache, irritation of nose, throat and lungs

### FIRST AID

**EYES:** Flush with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.  
**SKIN:** Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.  
**INHALATION:** No TVL established. Move subject to fresh air.  
**DIGESTION:** If swallowed give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

## 6. Reactivity Data

**STABILITY:** Indefinite at room temperature  
**INCOMPATIBLE MATERIALS:** Acid  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Under fire conditions, alkaline fumes and silica are emitted.

## 7. Spill or Leak Procedures

**PROCEDURE:** Ventilate area. Neutralize with acid; absorb onto inert absorbent material and scoop into appropriate container. Rinse area with large volumes of water.  
**WASTE DISPOSAL METHOD:** Dispose of in accordance with Local, State and Federal regulations.

## 8. Special Protection Information

**Respiratory:** Indoors, proper ventilation and goggles      **Eye Wear:** Chemical worker goggles  
**Clothes and gloves:** Wear rubber gloves      **Ventilation:** Provide adequate ventilation

## 9. Regulatory Information

**WORK PLACE CLASSIFICATIONS:** This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200)  
**TRANSPORTATION CLASSIFICATION:** US DOT Hazard Class - Non-Regulated  
**EMERGENCY PLANNING & COMMUNITY RIGHT TO KNOW (SARA TITLE 3)**  
Section 311/312 Categorizations (40CFR 370): This product is not a hazardous chemical under 29CFR 1910.1200 and therefore is not covered by Title III of SARA.  
Section 313 information (40CFR 372): This product does not contain a chemical which is listed in Section 313 above. do minimum concentrations.

**CERC LA INFORMATION (40CFR 302.4):** Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

**RCRA INFORMATION:** When this product becomes a waste, it is classified as a non-hazardous waste under criteria of the Resource Conservation and Recovery Act (40 CFR 261).

**CHEMICAL CONTROL LAW STATUS:** All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**STATE RIGHT TO KNOW LAWS:** All material listed as "Not Hazardous" in the CAS REG NO column of COMPONENT INFORMATION Section of this MSDS is trade secret under the provisions of the Florida Worker and Community Right To Know Act.

**STORAGE AND HANDLING INFORMATION:** Keep from freezing. The minimum recommended storage temperature for this material is 1C/3-4F. The maximum recommended storage temperature for this material is 40C/120F.

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### ABBREVIATIONS:

ACGIH:	American Conference of Governmental Industrial Hygienists	OSHA:	Occupational Safety and Health Administrations
TLV:	Threshold Limit Value	PEL:	Permissible Exposure Limit
TWA:	Time Weighted Average Exposure	STEL:	Short Term Exposure Limit
Bac:	Butyl Acetate		

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