

MATERIAL SAFETY DATA SHEET

1. Product Information

Product Name: BIO-Vee Gloss

Chemical Family: Highly Modified Catalyzed Potassium Hybrid

2. Hazardous Ingredients

Ingredient Names	CAS No.	TLV	Exposure Limits		PEL	Content
			STEL			
Acrylic Copolymer	N/A	N/E	N/E	N/E	< 25 %	
Proylene Glycol Phenyl Ether	770-35-4	N/E	N/E	N/E	< 5 %	
N/A = Not available	N/E = Not established					

3. Hazardous Identification

HMS Hazard Rating No. 1 (moderate)

Primary Route of Entry: Dermal, Eyes & Skin

Effects of Over Exposure:

Inhalation: Excessive exposure to vapors or spray mist may cause irritation to the nose, throat and respiratory tract.

Eyes: Direct contact can cause slight irritation

Skin Contact: Prolonged or repeated skin contact can cause slight skin irritation.

Skin Absorption: No known information available.

Ingestion: Not expected to be a relevant route of exposure.

Chronic: Repeated exposure may cause skin irritation or a rash upon prolonged exposure

4. First Aid Measures

Inhalation: Remove victim from exposure to fresh air. If difficulty with breathing, administer oxygen. If breathing has stopped, administer artificial respiration. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Wash thoroughly with soap and water. If irritation occurs, seek medical attention.

Ingestion: If swallowed give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention.

5. Fire Fighting Method

HMS Hazard rating no. 1

Flash Point: Non combustible Method: Setaflash

Auto Ignition Temp: Not applicable Limits of Flammability: LEL: Not available UEL: Not available

Extinguishing Media: Use water fog, dry chemical, foam or CO₂

Special Fire Fighting Procedures and Precautions: Do not enter a confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self containing breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup.

6. Accidental Release Measures

Action to Take for Spills/Leaks: Dike and contain the spill. Soak up residue with an absorbent such as clay, sand or other suitable material.

Waste Disposal Method: Dispose of in compliance with federal state and local regulations.

7. Handling and Storage

Store at temperatures 40° F to 100° F

Store in ventilated area.

KEEP FROM FREEZING

8. Exposure Controls/Personal Protection

Protective Clothing: Wear chemical resistant protective clothing, gloves, safety glasses and boots.

Additional Protective Measures: Eye wash fountains and safety showers should be available for emergency use.

9. Physical and Chemical Properties

Boiling Point:	212° F	Water/Oil distribution coefficient:	N/AV
Percent Volatile:	< 5%	Solubility in Water:	Yes
Freezing Point:	32° F	Specific Gravity:	1 - 1.2
Vapor Pressure: (mm Hg)	17mm Hg @ 20° C	pH:	9 - 10
@ 20° C:	Water	Evaporation rate:	< 1 Water
Vapor Density:	> Air	Odor:	None
Odor Threshold:	N/AV	Flash Point:	248° F
Appearance:	Milky White Liquid		
N/AV = Not available			

10. Stability and Reactivity

Stability: Stable Hazardous polymerization will not occur.

Conditions and Material to Avoid: This material is considered stable. However, at temperatures above 350° F the onset of polymer decomposition occurs.

Hazardous Decomposition Products: Thermal decomposition may yield low molecular weight organic compounds.

11. Toxicity Information

HMS Hazard Rating No. 1 (Slight)

Primary Route of Entry: Dermal, eyes, skin

Effects of Overexposure:

Inhalation: May cause irritation to the respiratory tract.

LC (50) Oral: CAS. No. 770-35-4 > 2000 mg/kg (rabbits)

Chronic: Product does not contain chemicals considered to be carcinogenic by NTP, IARC or OSHA.

12. Ecological Information

Marine Pollutant: Not listed

13. Disposal Considerations

Dispose in a manner, which is compliant to Federal, State and Local regulations.

14. Transport Information

DOT Hazardous Class: Non-regulated

DOT/UN Shipping Name: Non-regulated

Shipping Name: Non-regulated

Emergency Response Guide: 128