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<b>Product Name:</b> FLASHSEAL®	<b>Date:</b> 07-09-02	
<b>MSDS Number:</b> FS-47	<b>CAS Number:</b> Mixture	<b>Prepared by:</b> Greg Herbert

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

**Principal hazardous component(s) (chemical & common names)**      **p.c.**      **Threshold Limit Value (units)**  
Propylene Glycol      < 2%

**SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS**

**Appearance and odor:** ----- Black Paste  
**Boiling point:** ----- NA  
**Vapor pressure (mm Hg and temperature):**----- NA  
**Vapor density (air = 1):** ----- NA  
**Evaporation rate:** ----- NA  
**Solubility in water:** ----- Miscible  
**Water reactive:** ----- Not reactive  
**Specific gravity:** ----- 1.30  
**% volatile by volume:**----- NA

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

**Flash point and method used:** ----- NA  
**Auto-ignition temperature:** ----- NA  
**Flammability limits in air % by volume:** ----- NA  
**Extinguishing media:** ----- Water Fog, Dry Chemical  
**Special fire fighting procedures:** ----- Water may be used to extinguish fire.  
**Unusual fire and explosion hazards:** ----- None known to SaverSystems

**SECTION 4 - REACTIVITY HAZARD DATA**

**Stability:** ----- Stable  
**Conditions to avoid:** ----- None known to SaverSystems.  
**Incompatibility (materials to avoid):** ----- Strong Alkalies, Acids, Chlorine Bleach  
**Hazardous decomposition products:** ----- NA  
**Hazardous polymerization:** ----- Will not occur.  
**Conditions to avoid:**----- None known to SaverSystems

## SECTION 5 - HEALTH HAZARD DATA

**Primary routes of entry:**

  X   Inhalation        Skin Absorption        Ingestion        Not Hazardous

**Carcinogen listed in:**

       NTP        IARC Monograph        OSHA        Not Listed

**Signs and symptoms of exposure:** Eyes: Tearing or burning. Skin: Redness, swelling, burns.

Breathing: Irritation to nose, throat, and respiratory tract.

**Acute and chronic overexposure:** Acute overexposure can cause irritation to skin and eyes. Chronic overexposure can cause irritation to nasal or respiratory passages.

**Medical conditions generally aggravated by exposure:** None known to SaverSystems.

**Emergency and first aid procedures -**

**Eye contact:** Flush with large amounts of water. Get medical attention.

**Skin contact:** Flush with water. Seek medical attention if rash develops.

**Inhalation:** Remove to fresh air.

**Ingestion:** Give two (2) glasses of water. Induce vomiting by Ipecac Syrup or other means. Get medical attention promptly.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

**Respiratory protection (specify type):** Not generally required with normal outdoor use.

**Protective gloves:** Chemical resistant gloves

**Eye protection:** Safety glasses or goggles

**Ventilation:** Not generally required with outdoor use.

**Local exhaust:**

**Mechanical (general):**

**Special:**

**Other protective clothing and equipment:** NA

**Hygienic work practices:** Wash after handling any chemical.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

**Steps to be taken if material is spilled or released:** Stop spill. Sweep up and dispose of according to Local, State, and Federal Regulations.

**Waste disposal methods:** In approved waste facility by authorized contractor.

**Precautions to be taken in handling and storage:** Protect from extreme heat or cold.

**Other precautions and/or special hazards:** None known to SaverSystems.

<b>NFPA Rating:</b>	Health <u>      </u>	Flammability <u>      </u>	Reactivity <u>      </u>	Special <u>      </u>
<b>HMIS Rating:</b>	Health <u>  1  </u>	Flammability <u>  0  </u>	Reactivity <u>  0  </u>	Special <u>  B  </u>