

OS3

**MATERIAL SAFETY DATA SHEET****2001****PRODUCT INFORMATION:**

**Manufacturer:** Marlig Industries Inc.  
**Address:** 3308 Fairway Rd.  
Niagara Falls Ont. Canada L2J 3R6  
**Emergency Phone Number:** 905-374-2560  
**Trade Name:** Fix A Leak  
**Chemical Name:** No-Sodium Silicate Solution  
Silicic Acid Sodium Salt

**PHYSICAL DATA:**

**Appearance & Odor** Viscous Liquid, Colorless to Hazy  
**Specific Gravity** 1.394  
**Solubility in Water** Complete  
**Solids Content** 37.6  
**pH ( aqueous liquids only )** 11.3

**FIRE or EXPLOSION HAZARD:**

**Flash Point (C)**  
**Flammable Limits ( Vapor In Air, Vol. % )**  
**Fire Extinguishing Media** NON FLAMMABLE  
**Special Fire Fighting Procedures** AQUEOUS LIQUID  
**Unusual Fire & Explosion Hazards**

**REACTIVITY DATA:**

**Stability** Stable  
**Incompatibility ( Materials to Avoid )** Flammable Hydrogen Gas May be  
Produced on Prolonged Contact With  
Metals Such as Aluminum Tin Lead  
& Zinc.  
**Conditions to Avoid** Gels When Mixed With Acid.  
**Hazardous Decomposition Products** Hydrogen

**FIRST AID PROCEDURES:**

**In Case of Contact With Eyes, Immediately Flush Eyes With Plenty of Water For at  
Least 15 Minutes. CALL A PHYSICIAN**

**If Swallowed, " do not " Induce Vomiting. Give Large Quantities of Water or Milk. Never Give Anything by Mouth to an Unconscious Person.  
CALL A PHYSICIAN**

### **PREVENTIVE MEASURES:**

<b>Engineering Control</b>	<b>Avoid Contact With Eyes or Skin</b>
<b>Special Shipping Information</b>	<b>Wash Thoroughly After Handling</b>
<b>Environmental Hazard</b>	<b>Not Applicable</b>
	<b>Not Required</b>
	<b>High pH ( alkalinity ) of Undiluted Unneutralized Material is Harmful to Aquatic Life in Small Bodies of Water</b>
<b>Spillage</b>	<b>Small Quantities ( less than 100 gal. ) Mop Up &amp; Flush to Sewer With Plenty of Water.</b>
<b>Water Disposal Method</b>	<b>Sinks &amp; Mixes With Water.</b>

### **TOXICOLOGICAL PROPERTIES:**

#### **ROUTE OF ENTRY:**

<b>Eye Contact</b>	<b>Causes Irritation</b>
<b>Skin Contact</b>	<b>Causes Irritation</b>
<b>Inhalation</b>	<b>Spray Mist May Damage Respiratory Tract</b>
<b>Ingestion</b>	<b>Causes Irritation</b>
<b>Chronic Hazard ( None Known )</b>	<b>Not Listed ( by NIP ,IARC or OSHA as a Carcinogen )</b>
<b>Exposure Limits</b>	<b>Permissible Exposure Limit or ACGIH Threshold Limit Value, Have Not Been Established. NSL Recommended Calling Limit 5 mg / m3.</b>
<b>Exposure Analysis Methods</b>	<b>Bubble Sample Through Standard Acid Solution &amp; Titrate.</b>

### **HAZARDOUS INGREDIENTS:**

<b>Composition</b>	<b>100% Liquid Sodium Silicate Solution.</b>
<b>Cas Registry #</b>	<b>1344-09-8</b>
<b>LD</b>	<b>Oral, rats 3.3 - 8.4 gm / kg.</b>

**FIX A LEAK: Non Toxic Non Flammable Liquid Swimming Pool Sealant.**

### **PREPARATION:**

<b>Prepared By</b>	<b>Gill Sorensen Director</b>
	<b>Tom Tesselaar President</b>