



MATERIAL SAFETY DATA SHEET

Leisure Time Leak Seal

1. Product And Company Identification

Supplier Leisure Time 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com	Manufacturer Advantis Technologies, Inc. 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com
Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300	Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300

Issue Date: 08/05/2004

Product Name: Leisure Time Leak Seal
 Chemical Name: Sodium Silicate Solution
 Chemical Family: Alkali salt of Silicic Acid
 Chemical Formula: Proprietary Mixture
 MSDS Number: 327

Synonyms
 Water Glass

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
SODIUMSILICATE	1344-09-8	

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

Hazards Identification (Pictograms)



3. Hazards Identification

Primary Routes(s) Of Entry
 Skin Contact

Eye Hazards
 Causes eye irritation.

Skin Hazards
 Causes skin irritation. Excessive tissue exposure can result in primary irritant dermatitis.

Ingestion Hazards
 Harmful if swallowed. Corrosive to gastrointestinal tract.

Inhalation Hazards
 Causes respiratory tract irritation.

Leisure Time Leak Seal

3. Hazards Identification - Continued

Subchronic (Target Organ Effects)

Contains material which may cause Kidney damage.

Signs And Symptoms

Irritation of Eyes, Skin and Respiratory Passages. May cause nausea vomiting, headache and impaired kidney function. May cause respiratory difficulty and chemical pneumonia.

First Aid (Pictograms)



4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

Skin

In case of contact, immediately flush skin with soap and plenty of water. Neutralize with dilute vinegar or lemon juice. Remove contaminated clothing and shoes.

Ingestion

DO NOT INDUCE VOMITING. Call a physician or a poison control center immediately. If victim is fully conscious, give large amounts water followed by orange juice, or very dilute vinegar.

Inhalation

If breathing is difficult, give oxygen. If inhaled, remove to fresh air.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Flammability Class: N/A

Fire And Explosion Hazards

Flamable hydrogen may be produced if product has prolonged contact with aluminum, tin, lead, or zinc. Material is slippery.

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material.

6. Accidental Release Measures

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Neutralize spill area with dilute hydrochloric acid. Use appropriate containers to avoid environmental contamination. Avoid runoff to waterways and sewers.

Leisure Time Leak Seal

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place. Keep containers tightly closed. Prevent from freezing.

Handling Precautions

Use only with adequate personal protection.

Storage Precautions

Store in a cool dry place.

Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material. Avoid contact with eyes. Will attack most metals.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Local exhaust acceptable. Special exhaust not required

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

None normally required.

9. Physical And Chemical Properties

Appearance

Viscous colorless to hazy liquid

Odor

None

Chemical Type: Mixture

Physical State: Liquid

Melting Point: 32-50 °F

Boiling Point: 212 °F

Specific Gravity: 1.30 1.50

Molecular Weight: NOT DETERMINED

Percent Volitales: 64%

Vapor Pressure: 24

Vapor Density: similar to water

pH Factor: 10-12

Solubility: miscible in water

Leisure Time Leak Seal

9. Physical And Chemical Properties - Continued

Odor - Continued
 Evaporation Rate: >1

10. Stability And Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur.
Conditions To Avoid (Stability)
 Contact with Aluminum, Tin, Lead, or Zinc. May produce flammable gas
Incompatible Materials
 Acids, Alcohol, and salts may cause this material to gel. Gel is not considered to present a hazard.
Hazardous Decomposition Products
 Contact with Aluminum, Tin, Lead, or Zinc. May produce Hydrogen.

11. Toxicological Information

No Data Available...

12. Ecological Information

No Data Available...

13. Disposal Considerations


Do not allow into any sewer, on the ground, or into any body of water. Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name
 NOT REGULATED
Hazard Class
 NOT REGULATED
Secondary Hazard Class
 NOT ASSIGNED
DOT Shipping Label
 NOT ASSIGNED
Packaging Requirements
 NONE ASSIGNED

15. Regulatory Information

No Data Available...

NFPA 	HMIS <table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">C</td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	C
HEALTH	1								
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Leisure Time Leak Seal

16. Other Information

Precautionary Label

Corrosive Liquid

Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 04/18/2001

Disclaimer

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Leisure Time