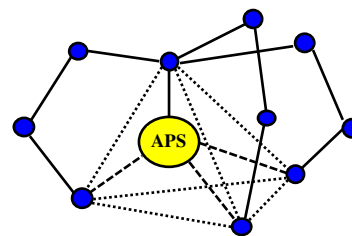


# Applied Polymer Systems, Inc.



## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Product Name:** APS 702b Flocc Log

**Supplied:** Applied Polymer Systems, Inc.  
519 Industrial Drive  
Woodstock, GA 30189  
Tel. 678-494-5998  
Fax. 678-494-5298  
www.siltstop.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Identification of the preparation:** Anionic water-soluble Co-polymer gel

### 3. HAZARD IDENTIFICATION

Placement of these materials on wet walking surface will create extreme slipping hazard.

### 4. FIRST AID MEASURES

**Inhalation:** None

**Skin contact:** Contact with wet skin could cause dryness and chapping. Wash with water and soap. In case of persistent skin irritation, consult a physician.

**Eye contact:** Rinse thoroughly with plenty of water, also under the eyelids, seek medical attention in case of persistent irritation.

**Ingestion:** Consult a physician

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Water, water spray, foam, carbon dioxide, dry powder.

**Special fire-fighting precautions:** Flocc Logs that become wet render surfaces extremely slippery.

**Protective equipment for firefighters:** No special equipment required.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** No special precautions required.

**Methods for cleaning up:** Dry wipe as well as possible. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes. Wash hands after handling.

**Storage:** Keep in a cool, dry place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering controls: Use dry handling areas only.

**Personal protection equipment**

Respiratory Protection: None  
 Hand protection: Dry cloth, leather or rubber gloves.  
 Eye Protection: Safety glasses with side shields. Do not wear contact lenses.  
 Skin protection: No special protective clothing required.  
 Hygiene measures: Wash hands before breaks and at end of work day.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: Granular semi-solid gel  
 Color: Blue  
 Odor: None  
 pH: 7.84  
 Melting point: N/A  
 Flash point: N/A  
 Vapor density: N/A

**10. STABILITY AND REACTIVITY**

Stability: Product is stable, no hazardous polymerization will occur.  
 Materials to avoid: Oxidizing agents may cause exothermic reactions.  
 Hazardous decomposition products: Thermal decomposition may produce nitrogen oxides (NOx), carbon oxides.

**11. TOXICOLOGICAL / ECOLOGICAL INFORMATION**

Acute toxicity

LD 50 / *Rattus norvegicus* / oral / > 5000 mg/kg  
 LC 50 / *Daphnia magna* / 48h / >420mg/L  
 EC 50 / *Selenastrum capricornutum* / 96h / >500mg/L

Inhalation: None  
 Bioaccumulation: The product is not expected to bioaccumulate.  
 Persistence / degradability: Not readily biodegradable: (~85% after 180 days).

**13. TRANSPORT AND REGULATORY INFORMATION**

Not regulated by DOT, RCRA status-Not a hazardous waste

**NFPA and HMIS ratings:**

NFPA	Health:	1	Flammability:	0	Reactivity:	0
HMIS	Health	1	Flammability	0	Reactivity	0