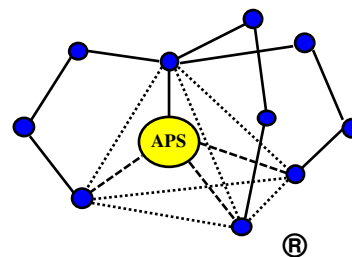


# Applied Polymer Systems, Inc.



## Material Safety Data Sheet

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

Product Name: APS 708x Flocc Log ®  
Supplied: 519 Industrial Drive  
Woodstock, GA 30189  
Tel. 678-494-5998  
Fax. 678-494-5298  
[www.siltstop.com](http://www.siltstop.com)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

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

### 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 can cause dryness and chapping. Wash with water and soap.  
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: 7.5-8.2  
 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. TOXILIGICAL / ECOLOGICAL INFORMATION**

**Acute toxicity**

LC 50 / *Daphnia magna* / 48 hr / >840mg/L  
 LC 50 / *Oncorhynchus mykiss* / 96 hr / 840 ppm  
 NOEC/ *Daphnia magna* / 48 hr / 840 ppm  
 NOEC/ *Oncorhynchus mykiss* / 96 hr / 840 ppm

**Chronic toxicity**

LC 25 (Survival) / *P. promelas* / 7 day / 97 ppm  
 NOEC (Survival) / *P. promelas* / 7 day / 210 ppm  
 LC 25 (Reproduction) / *C. dubia* / 7 day / 6.2 ppm  
 NOEC (Reproduction) / *C. dubia* / 7 day / 105 ppm  
 LC 25 (Survival) / *P. promelas* / 7 day / 1710 ppm  
 NOEC (Survival) / *P. promelas* / 7 day / 1680 ppm  
 IC 25 (Reproduction) / *C. dubia* / 7 day / 2366 ppm  
 NOEC (Reproduction) / *C. dubia* / 7 day / 3360 ppm

Bioaccumulation: The product is not expected to bioaccumulate.

Persistence / degradability: Not readily biodegradable: ( 85% after 180 days ).

**12. 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