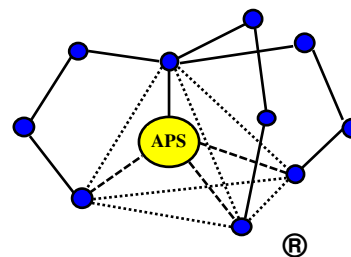


# Applied Polymer Systems, Inc.



## Material Safety Data Sheet

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

Product Name: APS 706b 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: 7.66  
 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* / 48h / >420mg/L  
 LC 50 / *Oncorhynchus mykiss* / 96h / 637 ppm

### Chronic toxicity

IC 25 (Survival) / <i>P. promelas</i> / 7 day / >1680 ppm	IC 25 (Survival) / <i>C. dubia</i> / 7 day / 257.3 ppm
NOEC (Survival) / <i>P. promelas</i> / 7 day / 1680 ppm	NOEC (Survival) / <i>C. dubia</i> / 7 day / 210 ppm
IC 25 (Growth) / <i>P. promelas</i> / 7 day / >1680 ppm	IC 25 (Reproduction) / <i>C. dubia</i> / 7 day / 91.6 ppm
NOEC (Survival) / <i>P. promelas</i> / 7 day / 1680 ppm	NOEC (Reproduction) / <i>C. dubia</i> / 7 day / 105 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