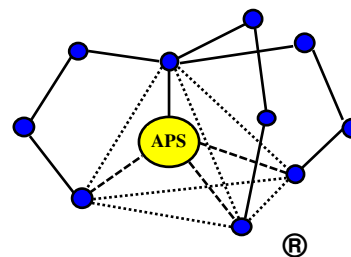


# Applied Polymer Systems, Inc.



## Material Safety Data Sheet

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

**Product Name:** APS 707a Flocc Log ®  
**Supplied:** Applied Polymer Systems, Inc.  
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

### 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:** White to Cream

**Odor:** None

**pH:** 4.61

**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 (NO<sub>x</sub>), carbon oxides.

**11. TOXILIGICAL / ECOLOGICAL INFORMATION****Acute toxicity** (EPA-821-R-02-012)

LC 50 (Survival) / *Ceriodaphnia dubia* / 48h / 234.7 ppm

LC50 (Survival) / *Pimephales promelas* / 48h / 294 ppm

**Chronic toxicity** (EPA-821-R-02-013)

IC 25 (Survival) / *P. promelas* / 7 day / 258.9 ppm

NOEC (Survival) / *P. promelas* / 7 day / 210 ppm

IC 25 (Survival) / *C. dubia* / 7 day / 262.5 ppm

NOEC (Survival) / *C. dubia* / 7 day / 210 ppm

IC 25 (Growth) / *P. promelas* / 7 day / 224.2 ppm

NOEC (Growth) / *P. promelas* / 7 day / 210 ppm

IC 25 (Reproduction) / *C. dubia* / 7 day / 226.7 ppm

NOEC (Reproduction) / *C. dubia* / 7 day / 210 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