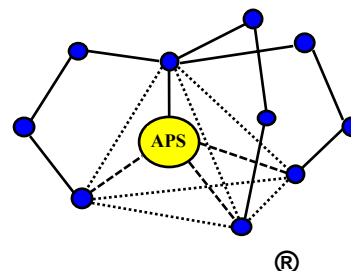


# Applied Polymer Systems, Inc.



## Material Safety Data Sheet

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

Product Name: APS 704f Flocc Log<sup>®</sup>  
 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

### 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.  
 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 Brown  
 Odor: None  
 pH: 3-10  
 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 INFORMATION****Acute toxicity (EPA/600/4-91/002)**

LD 50/ *Rattus norvegicus* / oral/ > 5000 mg/kg  
 LC 50 / *Pimephales promelas* / 96h / >1000 mg/L

**Chronic toxicity (EPA/600/4-91/002)**

IC 25 (Survival) / *Pimephales promelas* / 7 day / 97.5 ppm  
 NOEC (Survival) / *Pimephales promelas* / 7 day / 1680 ppm

IC25 (Growth) / *Pimephales promelas* / 7 day / 844 ppm  
 NOEC (Growth) / *Pimephales promelas* / 7 day / 840 ppm

Inhalation: None

**12. ECOLOGICAL INFORMATION**

Fish: IC 25/ *Pimephales promelas* / 128h / >844 mg/L

Algae: EC 50 / *Selenastrum capricornutum* / 96h / >500mg/L

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:	3	Flammability:	0	Reactivity:	1
HMIS Health:	2	Flammability:	0	Reactivity:	1