



Material Safety Data Sheet

1. Identification of the Product and the Company

Product Name: APS 703d Flocc Log

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

Distributed by: Clear Flow Consulting, Inc.
#125, 65 Chippewa Road
Sherwood Park, AB T8A 6J7
Tel. 780-410-1403
Fax. 780-410-1406
www.clearflowconsulting.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 workday.

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
Autoignition:	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 _x), carbon oxides.

11. Toxicological Information

Acute Toxicity (EPA/600/4-90/027f)

LD 50 / <i>Rattus norvegicus</i> / oral	>5000 mg/kg
LC 50 / <i>Daphnia magna</i> / 48h	>383 mg/L
LC 50 / <i>Onchorhynchus mykiss</i> / 96h	1900 mg/L

Chronic Toxicity (EPA/600/4-91/002)

IC 25 (Survival) / <i>P. promelas</i> / 7 day / 110 ppm	IC 25 (Survival) / <i>C. dubia</i> / 7 day / 99.8 ppm
NOEC (Survival) / <i>P. promelas</i> / 7 day / 105 ppm	NOEC (Survival) / <i>C. dubia</i> / 7 day / 52.5 ppm
IC 25 (Growth) / <i>P. promelas</i> / 7 day / 130 ppm	IC 25 (Reproduction) / <i>C. dubia</i> / 7 day / 58.2 ppm
NOEC (Growth) / <i>P. promelas</i> / 7 day / 105 ppm	NOEC (Reproduction) / <i>C. dubia</i> / 7 day / 105 ppm

12. Ecological Information

Fish:	LC 50 / 96h / <i>Pimephales promelas</i>	>1000 mg/L
Algae:	LC 50 / 72h / <i>Phaeodactylum tricornumtum</i>	383 mg/l
Water Flea:	EC 50 / 48h / <i>Chaetogrammus marinus</i>	>500 mg/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