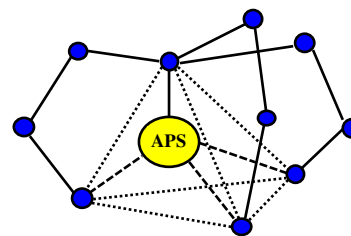


# Applied Polymer Systems, Inc.



## Material Safety Data Sheet

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

**Product Name:** APS 608 Silt Stop®

**Supplier:** 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 emulsion

### 3. HAZARD IDENTIFICATION

Aqueous solutions that contact wet surfaces render extremely slippery conditions.

### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air.

**Skin contact:** Contact with wet skin could cause dryness and chapping. Wash with water and soap. In case of persistent skin irritation, consult a physician.

**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:** Contact with wet surfaces create extremely slippery conditions.

**Protective equipment for firefighters:** No special equipment required.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** No special precautions required.

**Methods for cleaning up:** Do Not flush with water. Clean up promptly by dry wipe or vacuum. 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.

**Storage:** Keep in a cool, dry place. (0-30<sup>0</sup> C) **DO NOT FREEZE**

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use local exhaust if misting occurs.
<b>Personal protection equipment</b>	
Respiratory Protection:	Use ventilated working area.
Hand protection:	Rubber gloves.
Eye Protection:	Safety glasses with side shields or face masks. Do not wear contact lenses.
Skin protection:	Chemical resistant apron or protective suit if splashing or contact with solution is likely.
Hygiene measures:	Wash hands before breaks and at end of work day.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Viscous Liquid Emulsion
Color:	Milky-White
Odor:	Aliphatic
pH:	6-8
Melting point:	N/A
Flash point:	>100°C
Autoignition:	>200°C

## 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

Oral:	LD 50/oral/rat > 5000 mg/kg
Inhalation:	The product is not expected to be toxic by inhalation.
Dermal:	The results of testing on rabbits showed no toxicity even at high dose levels.
Chronic toxicity:	Prolonged skin contact may defat the skin and produce dermatitis.

## 12. ECOLOGICAL INFORMATION

Fish:	LC 50 / 96h / Fathead minnows / >1000 mg/l
Algae:	EC 50 / 72h / <i>Phaeodactylum tricornumtum</i> / >1000mg/l
Daphnia:	LC50 / 48h / <i>Chaetogrammus marinus</i> / 15mg/l
Bioaccumulation:	The product is not expected to bioaccumulate.
Persistence / degradability:	Not readily biodegradable: ( ~40% after 28 days )

## 13. TRANSPORT AND REGULATORY INFORMATION

Not regulated by DOT, RCRA status-Not a hazardous waste

NFPA and HMIS ratings:

NFPA Health:	1	Flammability:	1	Reactivity:	0
HMIS Health:	1	Flammability:	1	Reactivity:	0