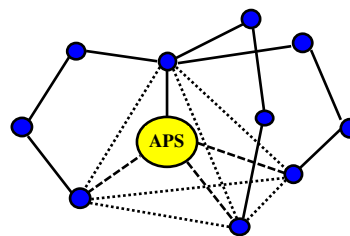


Applied Polymer Systems, Inc.



Material Safety Data Sheet

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name: APS 602 Silt Stop®

Supplier: Applied Polymer Systems, Inc.
519 Industrial Drive
Woodstock, GA 30189
Tel. 678-494-5998
Fax. 678-494-5298
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° C) **DO NOT FREEZE**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Use local exhaust if misting occurs.

Personal protection equipment

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 / Fathead minnows (*Pimephales promelas*) / 96h / >1000 mg/l

Algae: EC 50 / 72h / *Phaeodactylum tricornumtum* / >1000mg/l

Daphnia: LC50 / 48h / *Chaetogrammus marinus* / 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