

# MATERIAL SAFETY DATA SHEET

Product Information : Flex Matala Filter Media  
Product Number : FSM190, FSM290, FSM365, FSM460  
Information On Producer/ Supplier Name : Matala Water Technology Co., Ltd.  
Addresses : 121 Tzu Li 2St., Wu Chi Town, Taichung  
Taiwan  
Phone : (04) 2630-4067  
Emergency Phone / Fax : (04) 2630 4015 / Fax (04) 2630 4067

## 2. Materials :

English Name : Polyethylene  
Synonyms : PE

## 3. Hazard Identification :

### Major Hazard Effect :

Hazard Warnings For Health : Avoid breathing dust or and fumes that may be generated during processing.  
Hazard Warnings For Environment : None known at a reportable level  
Physical And Chemical Dangerous : None known at a reportable level  
Special Harm : None known at a reportable level  
Major state : None known at a reportable level  
Hazard category : Not applicable

## 4. First Aid Measures :

### Emergency And First Aid Procedures :

Inhalation : If symptoms are experienced, move victim to fresh air  
Skin Contact : If skin contact at application temperature, immediately immerse contacted area in cold water to reduce temperature and relieve pain. Do not attempt to peel adhesive from skin. Call a physician.  
Eye Contact : Wash eyes with running water. If irritation persists, repeat washing and obtain medical attention immediately.  
Ingestion :

## 5. Fire Fighting Measure

Suitable Extinguishing Media : Use water spray, carbon dioxide, dry chemical, alcohol-type or universal-type foams applied by manufacturer's recommended technique.  
Special Exposure Hazards : Dust may form explosive mixtures with air.  
Special Extinguishing Procedure and Protection : Use NIOSH-approved self-contained breathing apparatus when fighting fire in enclosed areas.  
Equipment :

**6. Accidental Release Measures**

Release Response : Collect product for recycle or disposal. Clean up immediately to avoid slipping hazard. Notify applicable government authority if release is reportable or could adversely affect the environment.

**7. Handling And Storage :**

Handling : Keep material off walking surfaces, it may create a slipping hazard. Use in well-ventilated area. Ground and bond equipment to prevent electrostatic charge when transferring product.

Storage : Store in a cool location (60~80 °F, 15~26°C) away from sunlight and any source of heat. Keep container tightly closed when not being used.

**8. Exposure Control/Personal Protection**

Engineering Control :

Personal Protection Equipment :

Respiratory Protection : Use NIOSH-approved respirator if unable to control airborne dust, fumes, and vapors.

Eye Protection : Safety glasses with side shields are recommended to prevent eye contact.

Skin & Body Protection : Gloves and protective clothing such as long sleeves or a lab coat should be worn.

**9. Physical And Chemical Properties / Characteristics**

Appearance : Solid	Form : 1/8 inch diameter pellets
Color : whitish color	Odour : negligible
pH value : Not applicable	Boiling Point/ Boiling Range : Not applicable
Decomposition Temperature : Not applicable	Flash Point : Not applicable
Spontaneous Temperature : Not applicable	Exposure Limits : Not applicable
Vapor Pressure : Not applicable	Vapor Density : Not applicable
Density (g/cm <sup>3</sup> ) : 0.900~0.965	Solubility In Water : Insoluble

**10. Stability And Reactivity :**

Stability : Stable

Special Conditions Of Hazardous Reaction : Will not occur.

Conditions To Avoid : Temperature over 200 °C

Incompatibility : Strong oxidizers.

Hazardous Decomposition Products : Fumes from complete of this material may include carbon dioxide, carbon monoxide, water vapor, oxide of nitrogen or a wide variety of innocuous or toxic fumes.

**11. Toxicological Information :**

Acute Toxicity :

Local Effects : No adverse effects are expected

Sensitive : Not expected to occur

Chronic : Not expected to occur

Exceptional Effect : No adverse effects are expected

**12. Ecological Information**

Possibility Of Environmental Impact /Move : Expected to be minimal base on the low water solubility of polymers.

**13. Disposal Information :**

Disposal Information : Dispose of waste material at an approved waste incineration facility in accordance with applicable regulations.

**14. Transport Information**

International Transport Regulation : Not regulated  
The United Nations Number(Un-No) : Not regulated  
Internal Transport Regulation : Not regulated  
Special Transport Way And Note : Not applicable

**15. Regulatory Information :**

Apply Regulation :  
WHMIS Classification : Not controlled  
Ozone Depleting Substances : None, complies with Clean Air Act Amendment of 1900