

# SAFETY DATA SHEET

**Product Name: Fresh Start Purge Compound™ MC-2**

## 1. Product and Company Identification

**PRODUCT NAME:** Fresh Start Purge Compound™ MC-2

**MANUFACTURER:** Fresh Start Polymer Solutions Inc  
6-14845 Yonge Street, Suite 116  
Aurora, Ontario L4G 6H8

**EMERGENCY PHONE:** (289) 894-3723

**Preparation Date:** April 18, 2017

**Revision Date:** April 18, 2017

## 2. Hazard Information

### Emergency Overview

**Colour:** White – Grayish White  
**Physical State** Pellet  
**Odour** None noted  
**Hazards of Product** Slipping hazard

### Potential Health Effects

**Eye Contact:** Solid or dust may cause irritation or corneal injury due to mechanical action. Elevated temperatures may generate vapour levels sufficient to cause eye irritation. Effect may include discomfort and redness

**Skin Contact:** Under elevated temperatures, contact with the material may cause thermal burners

**Inhalation:** Under elevated temperatures, vapours / fumes released during thermal processing may cause respiratory irritation

**Ingestion:** Low toxicity

### 3. Composition / Information On Ingredients

<b>Components</b>	Trade Secret
	Inorganic Salts
	Inert minerals
	Thermoplastic Polyolefin

All component(s) comprising this product are either exempt or listed on the TSCA inventory

### 4. First Aid Measure

<b>Eye Contact</b>	Flush eyes thoroughly with water for several minutes.
<b>Skin Contact</b>	If molten material comes in contact with the skin, do not apply ice but cool under running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Seek medical attention immediately
<b>Inhalation</b>	Move person to fresh air; if effects occur or continue, consult a physician
<b>Ingestion</b>	If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting unless directed by medical

### 5. Fire Fighting Measures

<b>Extinguishing Media</b>	Water fog or fine spray. Carbon Dioxide fire extinguisher. Foam
<b>Fire Fighting Procedures</b>	Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone.
<b>Special Protective Equipment for Firefighters</b>	Wear positively-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance
<b>Unusual Fire and Explosion hazard</b>	Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate

### 6. Accidental Release Measures

**Step to be taken if Material is released or Spilled:** Contained the spilled material if possible. Sweep up. Collect in suitable and properly labeled containers

<b>Personal Precautions:</b>	Spilled material may cause a slip hazard. Use appropriate safety equipment
<b>Environmental Precautions:</b>	Prevent from entering into soil, sewers, waterways and/or groundwater

## 7. Handling and Storage

<b>General Handling:</b>	No smoking, open flame or sources of ignition in handling and storage area. Good housekeeping and controlling of dust are necessary for safe handling of product. Avoid breathing process fumes. Use with adequate ventilation.
<b>Storage</b>	Store in accordance with good manufacturing practices

## 8. Exposure Controls / Personal Protection

<b>Exposure Limits</b>	Consult local authorities for recommended exposure limits
<b>Personal Protection</b>	
<b>Eye / Face Protection</b>	Use safety glasses.
<b>Skin Protection</b>	Clean body-covering clothing. Gloves – selection will depend on the task. Insulated gloves maybe required for thermal protection
<b>Respiratory Protection</b>	Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guideline
<b>Ingestion</b>	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

## 9. Physical and Chemical Properties

<b>Physical</b>	Pellets
<b>Colour</b>	White – Grayish White
<b>Odour</b>	None noted
<b>Flash Point</b>	N/A (not applicable)
<b>Flammable Limits</b>	N/A (not applicable)
<b>Autoignition Temperature</b>	N/A (not applicable)
<b>Vapour Pressure</b>	N/A (not applicable)
<b>Boiling Point</b>	N/A (not applicable)
<b>Specific Gravity</b>	
<b>Freezing Point</b>	
<b>Solubility in Water</b>	negligable
<b>pH</b>	N/A (not applicable)
<b>Decomposition Temperature</b>	> 680° F (>360°C)

## 10. Stability and Reactivity

<b>Stability</b>	Stable.
<b>Hazardous Polymerization</b>	Will not occur

**Thermal Decomposition** At temperature exceeding the melt temperature, fumes / vapour can be released. Fumes can be irritating.

**Materials to Avoid** Acids, Alkalis, Halides. Combustible materials, Oxidizing materials and Reducing agents

## 11. Toxicological Information

### Acute Toxicity

#### Ingestion

Low toxicity

#### Skin Absorption

May cause skin irritation

#### Inhalation

Airborne dust may be irritating to eyes, nose, lungs, throat upon contact

### Chronic Toxicity

#### Carcinogenicity

Ingredients are Not on IRAC or ACGIH listing

## 12. Ecological Information

### Ecotoxicological

#### Fish Species

Not available

#### Acute Crustaceans

Not available

#### Freshwater Algae

Not available

## 13. Disposal Considerations

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Recycler. Reclaimer. Incinerator or other thermal destruction device. Landfill.

## 14. Transportation Information

#### TDG small container

Not regulated

#### TDG Large container

TBD

#### IMDG

Not regulated

#### ICAO / IATA

Not regulated

## **15. Regulatory Information**

### **US. Toxic Substances Control Act**

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

### **CEPA - Domestic Substances List (DSL)**

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

### **Hazardous Products Act Information: CPR Compliance**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

### **Hazardous Products Act Information: WHMIS Classification**

This product is not a "Controlled Product" under WHMIS.

## **16. Other Information**

**We cannot anticipate all the conditions in which this information and our product will be used; therefore we accept no responsibility for the results obtained by the application of this information or the safety and suitability of our products. Users are informed to please make your own tests to determine the safety and suitability of our product in their specific application. Product sold without warranty and buyers accept all responsibility and liability for loss or damage resulting from the handling or use of this product.**

**Prepared by: Fresh Start Polymer Solutions Inc.**

**Date: April 18, 2016**