

# Safety Data Sheet

Issue Date: 21-Aug-2019

Revision Date: 18-Mar-2020

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** MC2-HH Blend

### Other means of identification

**SDS #** FSP-001

**Product Code** LS.302

### Recommended use of the chemical and restrictions on use

**Recommended Use** For industrial use.

### Details of the supplier of the safety data sheet

#### Supplier Address

Fresh Start Polymer Solutions  
6-14845 Yonge ST.  
Suite 116  
Aurora, Ontario L4G 6H8

### Emergency telephone number

**Company Phone Number** (289) 894-3723  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Physical state** Solid

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health.

## 4. FIRST AID MEASURES

### Description of first aid measures

- Eye Contact** Flush eyes thoroughly with water for several minutes and seek medical attention if discomfort persists. Beyond flushing, DO NOT attempt to remove the material adherent the eye(s). Immediately seek medical attention.
- Skin Contact** If molten material contacts the skin, immediately flush with large amounts of water to cool the affected tissue and polymer. Do not attempt to peel polymer from skin as this will remove the skin. Obtain immediate emergency medical attention if burn is deep or extensive.
- Inhalation** Remove person to fresh air. If signs/symptoms continue, get medical attention.
- Ingestion** Adverse health effects due to ingestion are not anticipated.

**Most important symptoms and effects, both acute and delayed****Symptoms**

Inhalation of process fumes and vapors may cause soreness in the nose and throat and coughing. Dust contact with the eyes can lead to mechanical irritation. Molten polymer may cause thermal burns. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Small Fire**

Use dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Water spray.

**Large Fire**

Use water spray hose nozzles from a safe location.

**Unsuitable Extinguishing Media** None known.

**Specific Hazards Arising from the Chemical**

Heat from fire may melt, decompose polymer and generate flammable vapors.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Unburned hydrocarbons (smoke).

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Use personal protective equipment as required.

**Environmental precautions****Environmental precautions**

Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up****Methods for Containment**

Equip emergency responders with proper personal protective equipment (PPE). Avoid generating dust.

**Methods for Clean-Up**

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Potential combustible dust hazard. Polymer particles create slipping hazard on hard smooth surfaces.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on Safe Handling**

If converted to small particles during further processing, handling, or by other means, may form combustible dust concentrations in air. Avoid generating dust; fine dust suspended in air and in the presence of an ignition source is a potential dust explosion hazard. Static discharge (spark), or other ignition sources, in high dust environments may ignite the dust and result in a dust explosion. Electrostatic charge may build during conveying of handling. Equipment handling polymer should be conductive and grounded (earthed) and bonded.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

#### **Incompatible Materials**

Strong oxidizing agents. Hydrocarbons.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

### Appropriate engineering controls

#### **Engineering Controls**

Showers. Eyewash stations. Ventilation systems.

### Individual protection measures, such as personal protective equipment

#### **Eye/Face Protection**

Refer to 29 CFR 1910.133 for eye and face protection regulations.

#### **Skin and Body Protection**

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

#### **Respiratory Protection**

Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Solid	<b>Odor</b>	Not determined
<b>Appearance</b>	Not determined	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting point / freezing point	Not determined	
Boiling point / boiling range	Not determined	
Flash point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	Not determined	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Excessive heat, sparks and flames. Incompatible Materials.

### Incompatible materials

Strong oxidizing agents. Hydrocarbons.

### Hazardous decomposition products

Carbon monoxide, olefin and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be formed.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**                      Avoid contact with eyes.

**Skin Contact**                     Avoid contact with skin.

**Inhalation**                        Do not inhale.

**Ingestion**                         Do not ingest.

### Component Information

Not available

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms**                        Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**                Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

Not available

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary	X	ACTIVE	X		X	X	X	X	X

#### **Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

## 16. OTHER INFORMATION

#### **NFPA**

#### **Health Hazards**

Not determined

#### **Flammability**

Not determined

#### **Instability**

Not determined

#### **Special Hazards**

Not determined

#### **HMIS**

#### **Health Hazards**

Not determined

#### **Flammability**

Not determined

#### **Physical hazards**

Not determined

#### **Personal Protection**

Not determined

**Issue Date:**

21-Aug-2019

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18-Mar-2020

**Revision Note:**

New format

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**