

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-MX

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

Manufacturer Address

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

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

Company Phone Number (289) 894-3723

2. Hazard(s) identification

Classification

This chemical does not meet the hazardous criteria set forth by the NOM-018-STPS-2015, Harmonized System for the Identification and Communication of Hazards and Risks of Hazardous Chemicals in the Workplace. 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.

Label elements

Signal word

None

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

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

| | |
|---------------------|--|
| Inhalation | Remove person to fresh air. If signs/symptoms continue, get medical attention. |
| 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. |
| 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

| | |
|---------------------------|------------------------|
| Note to physicians | 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 ₂). 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 can melt, decomposed polymer and generate flammable vapors. |
| Hazardous combustion products | Carbon monoxide. Carbon dioxide (CO ₂). Unburned hydrocarbons (smoke). |
| Explosion Data | |
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge | None. |
| Special protective actions for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

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 cleaning 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.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

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.

Packaging materials Strong oxidizing agents. Hydrocarbons.

8. Exposure controls/personal protection

Control parameters

Exposure Limits 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 If necessary, refer to appropriate regulations and standards.

Skin and body protection If necessary, refer to appropriate regulations and standards.

Respiratory protection If necessary, refer to appropriate regulations and standards.

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

| | |
|-----------------------|----------------|
| Physical state | Solid |
| Appearance | Not determined |
| Color | Not determined |
| Odor | Not determined |
| Odor Threshold | Not determined |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|-------------------|-------------------------|
| pH | No data available | |
| Melting point / freezing point | No data available | |
| Boiling point / boiling range | No data available | |
| Flash point | No data available | |
| Evaporation Rate | No data available | |
| Flammability (Solid, Gas) | No data available | |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Vapor Pressure | No data available | |
| Vapor Density | No data available | |
| Relative Density | No data available | |
| Water Solubility | No data available | |
| Solubility in other solvents | No data available | |
| Partition Coefficient | No data available | |
| Autoignition temperature | No data available | |
| Decomposition temperature | No data available | |
| Kinematic viscosity | No data available | |
| Dynamic Viscosity | No data available | |

Other information

| | |
|-----------------------------|-------------------|
| Oxidizing properties | No data available |
| Explosive properties | No data available |
| Molecular weight | No data available |
| Liquid Density | No data available |
| Bulk density | No data available |

10. Stability and reactivity

| | |
|---|--|
| Reactivity | Not reactive under normal conditions. |
| Chemical stability | Stable under normal 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

| | |
|--------------|--------------------------|
| Inhalation | Do not inhale. |
| Eye contact | Avoid contact with eyes. |
| Skin contact | Avoid contact with skin. |
| Ingestion | Do not ingest. |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Acute toxicity

Numerical measures of toxicity

Unknown acute toxicity 75 % of the mixture consists of ingredient(s) of unknown toxicity
75 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
75 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
75 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
75 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
75 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information Not available

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

| | |
|--|-----------------|
| Interactive effects | Not classified. |
| Skin corrosion/irritation | Not classified. |
| Serious eye damage/eye irritation | Not classified. |
| Respiratory or skin sensitization | Not classified. |
| Germ cell mutagenicity | Not classified. |
| Carcinogenicity | Not classified. |
| Reproductive toxicity | Not classified. |
| STOT - single exposure | Not classified. |
| STOT - repeated exposure | Not classified. |
| Aspiration hazard | Not classified. |
| Other information | Not classified. |

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. |
| Persistence/Degradability | No data available. |
| Bioaccumulation | No data available. |
| Other Adverse Effects | No data available. |

13. Disposal considerations

Waste Treatment Methods

| | |
|--|---|
| Waste from residues/unused products | Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations. |
| Contaminated packaging | Do not reuse empty containers. |

14. Transport information

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

| | |
|--------------------|---------------|
| <u>MEX</u> | Not regulated |
| <u>TDG</u> | Not regulated |
| <u>DOT</u> | Not regulated |
| <u>IATA</u> | Not regulated |
| <u>IMDG</u> | Not regulated |

15. Regulatory information

REGULATORY INFORMATION

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

| Chemical name | TSCA | DSL/NDSL L | EINECS/ ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---------------|------|---------------|-------------------|------|-------|------|-------|------|
| Proprietary | X | 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

16. Other information**NFPA**

Health hazards Not determined

Flammability Not determined

Instability Not determined

Physical and chemical properties Not determined

HMIS

Health hazards Not determined

Flammability Not determined

Physical hazards Not determined

Personal protection Not determined

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)
Ceiling Maximum limit value

STEL
*

STEL (Short Term Exposure Limit)
Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

RTECS (Registry of Toxic Effects of Chemical Substances)

World Health Organization

Issue Date: 21-Aug-2019

Revision Date: 18-Mar-2020

Revision Note: New format.

NOM-018-STPS-2015

The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

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