

**Section 1: Identification of the Substance/Mixture and the Company/Undertaking****1.1 Product identifier**

<b>Product Name</b>	<b>Mineral Masterbatch</b>
<b>Synonyms</b>	None
<b>Product Grades</b>	None

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

<b>Relevant use(s)</b>	Additive to plastic film
------------------------	--------------------------

**1.3 Details of the supplier of the safety data sheet**

<b>Manufacturer</b>	Peakfresh Pty Ltd. 352-356 Richmond Rd Netley SA 5037 Australia www.peakfresh.com
<b>Telephone (General)</b>	+61 8 8443 5757
<b>Email (General)</b>	admin@peakfresh.com

**1.4 Emergency telephone number**

+61 422 623 660

**Section 2: Hazards Identification****United States (US)**

According to OSHA 29 CFR 1910.1200 HCS

**2.1 Classification of the substance or mixture**

OSHA HCS 2012 Not classified

**2.2 Label elements**

OSHA HCS 2012 No label element(s) required

**2.3 Other hazards**

OSHA HCS 2012 None known

**Canada (US)**

According to WHMIS 2015

**2.1 Classification of the substance or mixture**

WHMIS 2015 Not classified

**2.2 Label elements**

WHMIS 2015 No label element(s) required

**2.3 Other hazards**

WHMIS 2015

None known

**Section 3: Composition/Information on Ingredients****3.1 Components**

COMPOSITION	
Chemical Name	Identifiers (CAS)
Low Density Polyethylene	9002-88-4
Mineral Masterbatch	Proprietary
Antioxidants and/or Slip Reagent	Proprietary
Antiblock Reagent	Proprietary

\*All components are approved food grade materials

**Section 4: First Aid Measures****4.1 Description of first aid measures**

<b>Inhalation</b>	Remove victim to fresh air
<b>Skin</b>	No treatment needed
<b>Eye</b>	Remove material from eye and flush with clean water
<b>Ingestion</b>	If still in mouth, wash mouth with water and spit If swallowed, drink glass of clean water
<b>Note to Physician</b>	Describe how the contact occurred and what has been done since

**Section 5: Firefighting Measures****5.1 Extinguishing media**

<b>Suitable media</b>	Water fog, dry chemical, foam, or carbon dioxide
<b>Unsuitable media</b>	None known

**5.2 Special hazards**

<b>Flammability</b>	Keep away from naked flame or extreme heat to prevent ignition
<b>Hazardous Combustion Products</b>	Carbon dioxide, carbon monoxide, formaldehyde, acetaldehyde

**Section 6: Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

**Personal precautions**                      Cover as much skin as possible with loose-fitting work clothes  
     Wear protective goggles  
     Avoid breathing any dust that may be generated  
     Avoid direct contact as much as possible

**6.2 Environmental precautions**

None

**6.3 Methods for containment and clean-up**

**Precaution**                                      Avoid stepping on beads as they can be slippery

**Clean-up**                                        Sweep up loose beads using broom or shovel  
     Avoid any tools that may spark  
     Do not wash down drain

**Containment**                                    Store in clean containers that close securely

**Section 7: Handling and Storage****7.1 Precautions for safe handling**

**Handling**                                        Wash thoroughly with soap and water after handling and before eating,  
     drinking or using tobacco

**7.2 Conditions for safe storage**

**Storage**                                         Store in closed container, out of reach of children  
     Store below 35° C  
     Keep away from moisture or sunlight  
     Keep away from ignition sources (heat, open flame)

**Section 8: Exposure Controls/ Personal Protection****8.1 Control parameters**

**Exposure Limits/Guidelines**                      No applicable exposure limits available

**8.2 Exposure controls**

**Manufacturing Measures/Controls**                      Good general ventilation

**Personal Protective Equipment**

**Respiratory**                                        Wear dust mask during manufacturing

<b>Eyes/Face</b>	Wear safety goggles during manufacturing
<b>Hands</b>	Wear thermally resistant gloves and long sleeves during manufacturing
<b>Environmental</b>	Follow best practices for manufacturing site management and disposal of waste

## Section 9: Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

MATERIAL DESCRIPTION		GENERAL PROPERTIES	
Physical Form	Solid	Boiling Point	Not Applicable
Appearance	Small Beads	Melting Point	100° - 120° C
Color	White	Oxidizing Properties	None
Odor	None	pH	Not Applicable
Odor Threshold	None	Water Solubility	Not Soluble
<b>VOLATILITY</b>		Solubility in Organic Solvents	Not Soluble
Vapor Pressure	Not Applicable	Corrosiveness	None
Vapor Density	None	<b>FLAMMABILITY</b>	
Evaporative Rate	None	Flash Point	> 150° C
Percentage Volatiles	Zero	Autoignition Temperature	None
Shock Sensitivity	None	Flammability Limits	Not Applicable

## Section 10: Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable under normal temperatures and pressures

### 10.3 Possibility of hazardous reactions

Non hazardous

### 10.4 Conditions to avoid

Intense heat, sparks or open flame

### 10.5 Incompatible materials

Strong oxidizing agents, fluorine

## Section 11: Toxicological Information

## 11.1 Information on toxicological effects

Component Name	CAD	Data
Polyethylene	9002-88-4	<b>Acute Toxicity:</b> orl-rat LD50:>8 gm/kg; ihl-rat LC50:75.5 gm/m3/30M
Antioxidants and/or Slip Reagent	Proprietary	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >6000 mg/kg; <b>Irritation:</b> Skin-Rat LD50 • >2000 mg/kg
Antioxidants and/or Slip Reagent	Proprietary	<b>Acute Toxicity:</b> orl-rat LD50:600 mg/kg; skn-rbt LD50:>20 gm/kg; <b>Irritation:</b> eye-rbt 500 mg MLD, eye-rbt 100 uL MLD

GHS Properties	Classification
Acute Toxicity	OSHA HCS 2012 • WHMIS 2015 • Acute Toxicity-Dermal - NDA; Acute Toxicity-Inhalation - Inconclusive data
Aspiration Hazard	OSHA HCS 2012 • WHMIS 2015 • Not relevant

**Route(s) of entry/exposure** Inhalation, skin, eye, ingestion

**Medical Conditions Aggravated by exposure** Disorder of the lungs

**Potential Health Effects****Inhalation****Acute** (immediate)

Exposure to dust from processes such as cutting, grinding, and crushing that create nuisance dust may cause irritation. Nuisance dust may affect lungs but reactions are typically reversible.

**Chronic**(delayed)

Prolonged exposure to dust may cause wheezing, chest tightness, productive cough, nasal irritation and symptoms of chronic respiratory disease.

**Skin****Acute** (immediate)

Exposure to dust may cause mechanical irritation

**Chronic**(delayed)

No data available

**Eye****Acute** (immediate)

Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace, may reduce visibility and may cause unpleasant deposits in eyes

**Chronic**(delayed)

No data available

**Ingestion****Acute** (immediate)

Excessive concentrations of nuisance dust in the workplace, may cause mechanical irritation to mucous membranes.

**Chronic**(delayed)

No data available

**Section 12: Ecological Information****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

Assessments have not been carried out

**12.6 Other adverse affects**

No data available

**Section 13: Disposal Considerations****13.1 Waste treatment methods**

**Product Waste** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

**Packaging Waste** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

**Section 14: Transport Information****14.1 Transport information**

<b>Shipping Precautions</b>	None
<b>Transport Hazard Class</b>	Not applicable
<b>Dangerous Goods Class</b>	None
<b>Packaging Group</b>	Not applicable
<b>Packaging (Size &amp; Type)</b>	20 kg bags
<b>Tariff Classification</b>	3923.21.0011

## Section 15: Regulatory Information

### 15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

<b>Hazard Classifications</b>	None
<b>Environmental Hazards</b>	None
<b>Poison Schedule</b>	Not applicable
<b>Emergency Guide</b>	Not applicable
<b>California Prop 65</b>	In compliance; no reportable substances
<b>CERCLA</b>	In the event of a spill, the end user should verify whether reporting is required under local, state, and/or federal regulations
<b>CONEG</b>	In compliance
<b>Ozone Depleting Substances</b>	In compliance; no reportable substances
<b>RCRA</b>	In the form delivered by Peakfresh, these products are not considered as hazardous waste and are not subject to reporting under the Resource Conservation and Recovery Act
<b>WKG Classification</b>	Non-hazardous to water (nwg)

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out

## Section 16: Other Information

**Additional information** Contact Peakfresh Pty Ltd Customer Service at +61 884435757

**Notice** The data and advice given in this document apply only when the product is used for the stated application(s). Use of the product for applications other than as stated in this document may give rise to risks not mentioned in this document to which Peakfresh cannot be liable. This product should not be used for any other application without first seeking advice from Peakfresh.

All health and safety information contained in this document should be provided to all employees, contractors and customers coming in contact with the product. Peakfresh must rely on the user to use this information to develop appropriate work practice guidelines and employee instructional programs specific to the user's operations.

Information contained herein is believed to be true and accurate, but all statements are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable international, federal, state and local laws and regulations regarding use, storage, sale, transport or disposal of this material is the responsibility of the user.