

## Safety Data Sheet

Revision No : 1

Date-Issued : 11/09/2018

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### SECTION 1 : PRODUCT SPECIFICATION AND COMPANY IDENTIFICATION

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**Product Name :** VeryGreen VG7214  
**Chemical Name :** Polylactic Acid Modified  
**Relevant identified uses of the substance** Raw materials for plastics  
**Manufacturer Name :** POLYALLOY INC.  
**Address :** No.45, Jingjian 2nd Rd., Guanyin District,  
Taoyuan City ,32853 TAIWAN  
**Emergency Telephone :** 886-3-4838475 Ext:264  
**Facsimile No :** 886-3-4838582

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### SECTION 2 : HAZARDOUS INGREDIENTS COMPOSITION,INFORMAION ON INGREDIENTS

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**Classification of the substance/mixture** The products are not classified as hazardous in accordance with 5<sup>th</sup> Rev.  
**Label elements** Not a hazardous substance .  
**Other hazards**  
**Human Health Hazards:**  
**Inhalation :** Dust and process vapors may cause respiratory tract irritation  
**Eyes :** Dust and process vapors may irritate eyes.  
**Skin :** May cause skin irritation. Exposure to molten resin may cause thermal burns.  
**Appearance :** Pellet  
**Primary Route of Exposure :** skin contact

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### SECTION 3 : COMPOSITION,INFORMAION ON INGREDIENTS

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| Chemical Name   | CAS NO    |
|-----------------|-----------|
| Polylactic acid | 9051-89-2 |

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### SECTION 4 : FIRST AID MEASURES

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**Skin :** Flush eyes with water for 15 minutes. Get medical attention, if irritation persists.  
Molten Resin: If molten material comes in contact with the skin, immediately cool under ice water or a running stream of water and get medical attention.  
Don not attempts to remove the material from the skin.

|              |  |
|--------------|--|
| Inhalation : | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Ingestion :  | Temporary mechanical irritation of the digestive tract.  |

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## SECTION 5 : FIRE FIGHTING MEASURES

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|                                 |   |
|---------------------------------|---|
| Flashpoint and Method :         | Not determined  |
| Flammability Limits :           | Not yet determined  |
| Auto ignition Temperature :     | Not determined  |
| Extinguishing Media :           | Use foam, carbon dioxide, or water spray when fighting fires involving this material.   |
| Hazardous combustion products:  | Carbon dioxide, carbon monoxide, ketones, acrolein, aldehydes, unidentified organic compounds.  |
| Explosion Hazards :             | Product as shipped is not a combustible dust. However, a combustible concentration of dust may occur when fines are suspended in air. |
| Fire Fighting Procedures :      | Standard procedures for Class A fires.  |
| Fire Fighting Equipment :       | As in any fire, self-contained pressure demand breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.     |
| Sensitive to static discharge : | None Known.   |

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## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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|----------------------------|--|
| Small Spill :              | Sweep up material and place in a disposal container.           |
| Large Spill :              | Vacuum or sweep up material and place in a disposal container. |
| Environmental Precautions. |  |
| Water spill :              | Keep pellets out of waterways.                                 |
| Land spill :               | Not yet determined   |
| Air spill :                | Not yet determined   |
| General Procedures:        | Vacuum or sweep up material and place in a disposal container. |
| Release Notes :            | None   |

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## SECTION 7 : HANDLING AND STORAGE

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|----------------------|--|
| General Procedures : | Keep away from heat, sparks and flame.   |
| Handling :           | Ground and bond containers when transferring material.   |
| Storage :            | Stored boxes and bags of material in areas protected with automatic sprinklers.<br>Store in a cool place below 60°C/140°F. |

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## SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

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|--------------------------------|--|
| Engineering Controls :         | Provide adequate room ventilation at the extruder to minimize exposure to process vapors. Eliminate ignition sources during repair and maintenance operations. |
| Personal Protective Equipment: |  |
| Eyes and Face :                | Wear safety glasses with side shields (or goggles)   |

**Skin :** When handling or processing resins at elevated temperature or in a molten state, wear protective clothing and gloves over the skin to prevent contact.

**Respiratory :** A respiratory protection program that meets OSHA 1910.134, ANSI Z88.2 and CSA Z94.4-93 requirements must be followed whenever workplace conditions warrant use of a respirator.

**Protective clothing:** When handling or processing resins at elevated temperatures or in a molten state, wear protective clothing over the skin to prevent contact.

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## **SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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**Physical state :** Solid

**Odor :** Essentially odorless

**Appearance :** Pellet

**Freezing Point :** Not Applicable

**Flash Point :** Not yet determined

**Melting Point(DSC):** > 170°C / 320°F

**Specific Gravity :** 1.30 ~1.40

**(VOC) notes:** Not yet determined

**Water Solubility :** Negligible

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## **SECTION 10 : STABILITY AND REACTIVITY**

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**General :** Stable

**Hazardous Polymerization:** None

**Conditions to Avoid :** Keep away from heat, sparks and flame

**Polymerizations:** Product will not undergo polymerization

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## **SECTION 11 : TOXICOLOGICAL INFORMATION**

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**General Comments :** None Known.

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## **SECTION 12 : ECOLOGICAL INFORMATION**

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**Environment Data :** Not Available

**Ecotoxicological Information :** Not Available

**Distribution :** Not Available

**Chemical Fate Information :** Not readily biodegradable

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## **SECTION 13 : DISPOSAL CONSIDERATIONS**

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**Waste disposal :** Recycling and reprocessing is strongly encouraged.

Incineration and landfilling of waste material in a permitted facility in accordance with local, state or provincial and federal regulations.

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## SECTION 14 : TRANSPORT INFORMATION

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Hazard class : NA

Shipping notes : NA

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## SECTION 15 : REGULATORY INFORMATION

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Follow all regulations in your country

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## SECTION 16 : OTHER INFORMATION

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The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

Recipients of our product must take responsibility for observing existing laws and regulations.