SECTION 1: Identification of the substance/mixture and of the Company

1.1 Product identifier Material Safety Data Sheet valid from May 13 2019

Trade name: EasyPrint PLA and Select PLA/PLA Pro

1.2 Relevant identified uses of the substance or mixture and uses advised against
General use: Polymer for 3D printing applications

1.3 Details of the supplier of the safety data sheet

Company name: Prima Printer Nordic AB
Street/POB-No.: Kantyxegatan 25 F
Postal Code, city: SE 213 76 Malmö, SWEDEN
WWW: www.primacreator.com
E-mail: info@primacreator.com
Telephone: + 46 40 684 97 90

SECTION 2: Hazards identification

2.1 Classification: Not dangerous according to Directive 67/548/EEC.
2.2 Special advice on hazards: Danger of burns in contact with hot polymer and hazardous vapors in case of burning.

SECTION 3: Composition / information on ingredients

3.1 Chemical characteristics: Biodegradable polymer-blend based on polylactic acid.
3.2 CAS no: 9051-89-2
3.3 Additional information: No harmful ingredients.

SECTION 4: First aid measures

4.1 On skin contact: In case of contact with molten polymer immediately cool the skin with cold water. Medical aid may be required to remove adhering material and for treatment of burns.
4.2 After inhalation: After inhalation of decomposition gases or dust remove patient to fresh air. Contact a doctor in case of discomfort.
4.3 On ingestion: No effects known. Rinse mouth with water and drink more water. Contact a doctor in case of discomfort.
4.4 On eyes contact: Rinse open eyes thoroughly with water.

SECTION 5: Firefighting measures

5.1 Suitable fire extinguishing media: Water, dry chemical extinguisher, carbon dioxide.
5.2 Special exposure hazards: During incomplete combustion release of carbon monoxide, carbon dioxide and hydrocarbons.
5.3 Special protective equipment: Self-contained breathing apparatus.
5.4 Remark: Accumulations of dust can be inflammable.

SECTION 6: Accidental release measures

6.1 Personal precautions: Use suitable protective clothing. Avoid eye contact and inhalation of dusts. Keep ignition sources away.
6.2 Methods for cleaning up: Sweep up material and place in a container, risk of slipping. Avoid ingress of material into drainage systems.

SECTION 7: Handling and storage

7.1 Handling: Avoid contact with molten polymer. Avoid generation of dust and electrostatic charge.
7.2 Storage: Protect against moisture. Store cool and keep packaging closed when not in use. Avoid sources of ignition.

SECTION 8: Exposure controls/personal protection

8.1 Technical safety measures: With suitable ventilation the threshold limits assumedly will not be reached. Avoid electrostatic charge by use of grounding cables.
8.2 Personal safety equipment: Use adequate safety equipment, e.g. protective clothing, eye protection glasses, heat protection gloves. In case of dust formation wear mask with particle filter.
8.3 Work hygiene: No eating or drinking during working. Avoid contact of hot material with the skin. Avoid breathing dust and vapors.

SECTION 9: Physical and chemical properties

9.1 Form: Granules
9.2 Color: Natural
9.3 Odor: Almost odorless
9.4 Melting range: 150 - 170 ºC
9.5 Oxidizing properties: Not self igniting / flammable
9.6 Explosions limits: Not applicable
9.7 Density: 1.2 - 1.3 g/cm³
9.8 Solubility in water: Insoluble

SECTION 10: Stability and reactivity

10.1 Stability: The product is stable at recommended storage conditions.
10.2 Conditions to be avoided: Avoid exposure to extreme heat and all sources of ignition. Thermal decomposition > 240ºC.
10.3 Substances to be avoided: Strong oxidizing agents.
10.4 Hazardous decomposition products: Carbon monoxide, carbon dioxide and hydrocarbons.

SECTION 11: Toxicological information

11.1 Local irritation: Dust can cause irritation of eyes, respiratory organs and skin. After ingestion stomach pain or nausea are possible.
11.2 Other remarks: Based on our state of knowledge and experience no injurious health effects are expected if product is properly handled for the designated use.

SECTION 12: Ecological information

12.1 Ecological/toxicological effects: No negative ecological effects known at the present state of knowledge, test results are not available. Due to insolubility in water most probably not hazardous to aquatic organisms.
12.2 Biological degradation: Product is biodegradable.
12.3 Bioaccumulation: Due to its consistency and insolubility in water biological accumulation is not expected.

SECTION 13: Disposal considerations

13.1 Product: Generation of waste should be minimized, check possibility for recycling. Waste product can be incinerated or dumped together with domestic waste in compliance with local authority requirements.
13.2 Packaging: Packaging material has to be emptied completely and disposed in accordance with the regulations. Packaging can be recycled if not contaminated.

SECTION 14: Transport information

14.1 Transport regulations: Not classified as hazardous under transport regulations
ADR, ADNR, RID, ICAO/IATA, IMDG/GGVSee, ICAO/IATA

SECTION 15: Regulatory information

15.1 EU regulations: This product does not require a hazard warning label in accordance with EC Directives.

SECTION 16: Other information

This data is based on the current state of our information and experience. This safety data sheet describes our product in terms of safety requirements. Preceding data is not applicable as a warranty of product properties. It is the responsibility of the recipient to observe the existing legal regulations for the use of this product.