

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

1.1 Product identifier Material Safety Data Sheet valid from March 2021

Trade name: Prima Select PLA Glossy

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

General use: Additives/binder for coatings, lacquer, coating, paint and ink.

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: Hazard identification

Classification No need for classification according to GHS criteria for this product (according to Regulation (EC) No. 1272/2008 [CPL]).

Label elements According to Regulation (EC) No. 1272/2008 (CLP) this product does not require a hazard warning label in accordance with GHS criteria.

Special advice on hazards Danger of burns in contact with hot polymer. Hazardous vapours in case of burning.

SECTION 3: Composition

Chemical characteristics Biobased batch based on PLA, contains copolyester and additives.

Additional information No harmful ingredients

SELECTION 4: First-aid measures

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.

After inhalation After inhalation of decomposition gases or dust remove patient to fresh air. Contact a doctor in case of discomfort.

On ingestion No effects known. Rinse mouth with water and drink more water. Contact a doctor in case of discomfort.

On eyes contact Rinse open eyes thoroughly with water.

SECTION 5: Fire-fight measures

Fire extinguishing media Water, dry chemical extinguisher, foam, carbon dioxide.

Special exposure hazards During incomplete combustion release of carbon monoxide, tetrahydrofurane, acetic acid and decomposition products possible.

Special protective equipment Self-contained breathing apparatus.

Remark Accumulations of dust can be inflammable.

SECTION 6: Accidental release measures

Personal precautions Use suitable protective clothing. Avoid eye contact and inhalation of dusts. Keep ignition sources away.

Methods for cleaning Sweep up material and place in a container, risk of slipping. Avoid ingress of material into drainage systems.

SECTION 7: Handling and storage

Handling Avoid contact with molten polymer. Avoid generation of dust and electrostatic charge.

Storage Protect against moisture and UV radiation. Store cool and keep packaging closed when not in use. Avoid sources of ignition.

SECTION 8: Personal protection

Technical safety measures With suitable ventilation the threshold limits assumably will not be reached. Avoid electrostatic charge by use of grounding cables.

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.

Work hygiene No eating or drinking during working. Avoid contact of hotmaterial with the skin. Avoid breathing dust and vapours.

SECTION 9: Physical and chemical properties

Form Filament

Color colored

Melting range 190-230°C

Oxidising properties not self igniting / flammable

Density 1.25g/cm³

SECTION 10: Stability and reactivity

Stability The product is stable at recommended storage contidions.

Substances to be avoided Strong oxidizing agents.

Hazardous decomposition products Carbon monoxide, carbon dioxide, aldehydes, acetic acid, tetrahydrofurane, low molecular weight oligomers.

SECTION 11: Toxicological information

Local irritation Dust can cause irritation of eyes, respiratory organs and skin. After ingestion stomach pain or nausea are possible.

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

Ecotoxical 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.

SECTION 13: Disposal considerations

Product	Generation of waste should be minimised, check possibility for recycling. Waste product can be incinerated or dumped together with domestic waste in compliance with local authority requirements.
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SECTION 14: Transport information

Transport regulations	Not classified as hazardous under transport regulations ADR, ADNR, RID, ICAO/IATA, IMDG/GGVSee.
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SECTION 15: Regulatory information

EU regulations	This product does not require a hazard warning label in accordance with EC Directives.
Water exposure class (Germany)	nwg', no risk of water pollution (classification acc. Att. 1 of VwVWS)

SECTION 15: 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.

