

# SAFETY DATA SHEET



Dynamism Eco-PLA

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According to Hazard Communication Standard (29 CFR 1910.1200)

Version 1.0

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## 1. Product and Company Identification

### Product Information

**Material name**

Dynamism Eco-PLA

**CAS#**

See section 3

**Product use**

3D Printing Filament

### Supplier

**Dynamism, Inc.**

207 E Ohio St  
Suite 200  
Chicago, IL 60611

**Email**

sales@dynamism.com

**Toll-Free Phone**

800-711-6277

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## 2. Hazards identification

### GHS classification

**Physical hazards**

Not classified

**Health hazards**

Not classified

**Environmental hazards**

Not classified

### GHS label elements

**Hazard Pictograms**

No hazard pictogram is used.

**Signal word**

No signal word is used.

**Hazard statement**

Not applicable.

### Precautionary statement

**Prevention**

Not applicable.

**Response**

Not applicable.

**Storage**

Not applicable.

**Disposal**

Not applicable.

**Other hazards**

Not applicable.

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## 3. Composition / Information on Ingredients

This product does not contain hazardous ingredients above cut-off value according to HCS2012.

## 4. First Aid Measures

### First aid procedures

#### Eye contact

None expected to require first aid measures. Flush with running water for at least 15 minutes. If irritation persists get medical attention.

#### Skin contact

None expected to require first aid measures. Wash thoroughly with soap and water. Get medical attention in the unlikely event that irritation persists.

#### Inhalation

None expected to require first aid measures. If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

#### Ingestion

Immediate first aid is not likely to be required. A physician or poison control center can be contacted for advice.

#### Notes to physician

Treat symptoms.

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## 5. Fire Fighting Measure

#### Flammable properties

Not available.

#### Extinguishing media

##### Suitable extinguishing media

Use extinguishers suitable for surrounding fire.

##### Unsuitable extinguishing media

Not available.

#### Firefighting equipment/instructions

Wear self contained breathing apparatus for fire fighting if necessary.

#### Hazardous combustion products

Carbon oxides.

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## 6. Accidental Release Measures

#### Personal precautions

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

#### Environmental precautions

Avoid disposing into drainage/sewer system or directly into the aquatic environment.

#### Methods for cleaning up

Sweep up and shovel into suitable containers. Clean up affected area.

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## 7. Handling and Storage

#### Handling

Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.

#### Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

This product has no PEL, TL V, or other recommended exposure limit.

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.  
Wash hands before breaks and at the end of workday.

## 9. Physical & Chemical Properties

### Appearance

#### Physical state

Solid

#### Form

Solid

#### Color

Milky white transluen

#### Vapor density

Not available

#### Boiling point

Not available

#### Melting point/Freezing point

Not available

#### Solubility (water)

Insoluble

#### Relative Density

1.32

#### Flash point

Not available

#### Partition coefficient

Not available

#### Flammability limits in air, upper, %by volume

Not available

#### Flammability limits in air, lower, % by volume

Not available

#### Auto-ignition temperature

Not available

#### VOC

Not available

#### Percent volatile

Not available

#### Molecular Formula

Not available

#### Molecular Weight

Not available

#### Odor

Not available

#### Odor threshold

Not available

#### pH

Not available

#### Vapor pressure

Not available

### Other data

#### Viscosity

Not available

#### Dissociation constant

Not available

## 10. Chemical Stability & Reactivity Information

### Reactivity

The substance is stable under normal storage and handling conditions.

### Chemical stability

Material is stable under normal conditions.

### Conditions to avoid

Incompatible materials.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon oxides.

### Possibility of hazardous reactions

No hazardous reactions known.

## 11. Toxicological Information

### Toxicokinetics, metabolism and distribution

#### Non-human toxicological data

Not available

### Information on toxicological effects

#### Acute toxicity

**LDS0(Oral, Rat)**

Not available

**LD50(Dermal, Rabbit)**

Not available

**LCS0(Inhalation, Rat)**

Not available

**Skin corrosion/Irritation**

Not classified

**Serious eye damage/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

## 12. Ecological Information

### Toxicity

ACUTE TOXICITY		TIME	SPECIES	METHOD	EVALUATION	REMARKS
LC50	N/A	96h	Fish	OECD203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not available.

**Mobility in soil**

Not available.

**Results of PBT&vPvB assessment**

Not available.

**Other adverse effects**

Not available.

## 13. Disposal Considerations

**Disposal instructions**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport Information

**DOT****Basic shipping requirements****UN number**

Not regulated

**Proper shipping name**

Not regulated

**Hazard class**

Not regulated

**Packing group**

Not regulated

**Environmental hazards**

No

**IATA****UN number**

Not regulated

**Proper shipping name**

Not regulated

**Transport hazard class(es)**

Not regulated

**Packing group**

Not regulated

**Environmental hazards**

No

**IMDG****UN number**

Not regulated

**Proper shipping name**

Not regulated

**Transport hazard class(es)**

Not regulated

**Packing group**

Not regulated

**Environmental hazards**

No

## 15. Regulatory Information

### US federal regulations

#### Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed

#### SARA 304 Emergency release notification

Not regulated

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not regulated

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed

#### SARA 311/312 Hazardous chemical

No

#### SARA 313 (TRI reporting)

Not regulated

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated

#### Safe Drinking Water Act (SDWA)

Not regulated

## 16. Other Information

### HMIS® ratings

Health: 0

Flammability: 1

Physical hazard: 0

### NFPA ratings

Health: 0

Flammability: 1

Instability: 0

### Disclaimer

The information herein is based on our present knowledge and given in good faith, but no warranty, express or implied, is made.

### Issue date

10-20-2020

### Declare to reader

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