



Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Product PLA
SDS No. 04ST122
Date 08.30.2016
Company Spool3D Ltd.
Address Calgary, Alberta, Canada
Phone No. +1-403-618-9140

2. INFORMATION ON INGREDIENTS

Chemical Name	PLA Resin	Tougher	Lubricant
Content	≥94%	≤5%	≤1%

Impurities Contributing to Hazard None

3. HAZARDS IDENTIFICATION

Adverse Human Health Effects None
Environmental Effects None
Physical and Chemical Hazards None
Special Hazards None

4. FIRST AID MEASURES

Inhalation In case of gases evolving from molten resin, bring the affected person to fresh air. Call a physician immediately in case of discomfort.

Skin Contact In case of contact with molten material, immediately wash the skin with plenty of cold water. See a physician for removal of adhering material.

Eye Contact If molten material contacts the eye, rinse immediately with plenty of water for at least 15 minutes. Call a physician immediately.

Ingestion Induce vomiting with medical advice. Rinse mouth with water. Seek medical advice if discomfort occurs.

5. FIRE-FIGHTING MEASURES

Extinguishing Media Water, Foam, Dry chemical powder
Fire and Explosion Hazards None
Special Fire-Fighting Procedure Minimize dust generation and accumulation
Special Protective Equipment Wear self-contained breathing apparatus and full protective clothing

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear appropriate personal protective equipment.
Environmental Precautions Prevent entry into surface water or drainage systems.
Methods for Cleaning up Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling Avoid contact with molten material. Use personal protective equipment.
Storage Keep cool. Protect from water, moisture and direct sunlight. Avoid all sources of ignition.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls	Provide appropriate exhaust ventilation at places where dust is formed.
Personal Protective Equipment	
Skin Protection	Wear protective clothing, when handling hot molten product.
Hand Protection	Wear protective gloves, when handling hot molten product.
Eye Protection	Wear protective glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Monofilament
Density	1.24g/cm³
Melting Point	155°C-170°C
Solubility	Insoluble in water

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Reactivity	None expected under conditions of normal use.

11. TOXICOLOGICAL INFORMATION

Irritation	Fumes generated from decomposing resin may be irritant to eyes.
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12. ECOLOGICAL INFORMATION

Persistence and degradability	Product is biodegradable.
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13. DISPOSAL CONSIDERATIONS

Disposal Methods	Dispose of waste and residues in accordance with local authority requirements.
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14. TRANSPORT INFORMATION

Not regulated

15. REGULATORY INFORMATION

Not available

16. OTHER INFORMATION

The data given above is believed accurate and for reference only.