



## TECHNICAL & SAFETY DATA SHEET

### 1 - Chemical Product Information:

Product Name	- CP-EXP-LAPOL-289-002
Common Name	- PLA Starch Blend Resin For Injection Molding
Manufacturer	- Cereplast, inc. 3421 West El Segundo Blvd. Hawthorne CA 90250
Emergency Number:	- (310) 676 5000

### 2 - Composition/Information on Ingredients:

Chemical Name	- Poly-Lactic-Acid & Biodegradable Polymers  Starch from Wheat or Corn Non-Hazardous
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### 3 - Hazard Identification:

Eye	- Particles may cause mechanical irritation
Skin Contact	- Low order of toxicity
Inhalation	- Low order of toxicity
Ingestion	- No hazard in normal industrial use

### 4 - First-Aid Measures:

Eye	- Flush eyes with large amounts of water until irritation stops
Skin Contact	- Wash with soap and water
Inhalation	- Remove to fresh air
Ingestion	- N/A

### 5 - Firefighting Measures:

Auto ignition	- N/A
Flash Point	- N/A
Extinguishing Media	- Dry chemical; CO <sub>2</sub> ; Water fog; Foam

Special Procedures	- None Required
Fire & Explosion Hazards	- N/A
Upper Explosion Limit	- N/A
Lower Explosion Limit	- N/A
NFPA Flammability Hazard Class	- 0 = Insignificant

**6 - Accidental Release Measures:**

Spill and Leak Procedures	- Sweep or scoop up and remove
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**7 - Handling and Storage:**

Storage Temperature	- Ambient
Handling/Storage	- Sweep or vacuum up and place in container for disposal
Ventilation	- General

**8 - Exposure controls/Personal Protection**

Ventilation	- General
Eye Protection	- Safety glasses optional
Gloves	- Gloves for hot resin
Clothing	- N/A
Wash	- Wash with soap and water
Respirator	- None

**9 - Physical and Chemical Properties:**

Pure Substance or Mixture	- Mixture
Physical Form	- Solid
Appearance/Odor	- Resin Pellet with cereal odor
Odor Threshold	- N/A
Molecular Weight	- >10,000
PH as is	- N/A
PH in 1% Solution	- 5.8 +/- 0.6
Boiling Point	- N/A
Melting/ Freezing Point	- N/A
Solubility in Water	- Low
Partition Coefficient	- N/A
Specific Gravity	- 1.18 +/- 0.03 gm/cc
Evaporation Rate	- N/A
Vapor Pressure (mm Hg)	- N/A
Vapor Density	- N/A
Volatiles	- None
Volatile Organic Compounds	- N/A
Auto ignition	- N/A
Flash Point	- N/A
Oxidizing Properties	- N/A

**10 - Stability and Reactivity:**

Stability	- Stable
Materials to Avoid	- None
NFPA Reactivity Hazard Class	- 0 = Insignificant
Hazardous Decomposition Products	- This product does not undergo spontaneous

decomposition. Typical combustion products are CO, CO<sub>2</sub>, C, N, H<sub>2</sub>O

### 11 - Toxicological Information:

#### Product Toxicology:

Oral Toxicity	- Low order of toxicity
Dermal Toxicity	- Non-hazardous
Inhalation Toxicity	- Non-hazardous
Eye Irritation	- Non-hazardous

#### Chronic (Long-Term) Effects of Exposure

Route of Entry	- Eye, skin, inhalation, ingestion
Effects of chronic exposure	- None
Target Organs	- N/A
Special Health Effects	- None known

### 12 - Ecological Information

Biodegradability	- Biodegradable in compost Meet ASTM 6400 -D99
Incineratability	- Incinerable
Toxic Volatiles	- None present with complete combustion

### 13 - Disposal Considerations:

Waste Disposal Methods	- In accordance with existing federal, state, and local environmental regulations
Empty Container Warnings	- Empty container may contain product residue; follow MSDS and label warnings even after they have been emptied.

### 14 - Transportation Information

DOT Information	- N/A
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### 15 - Regulatory Information

CAS Registry No.	- N/A
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### 16 - Other Information:

Temperature: -