



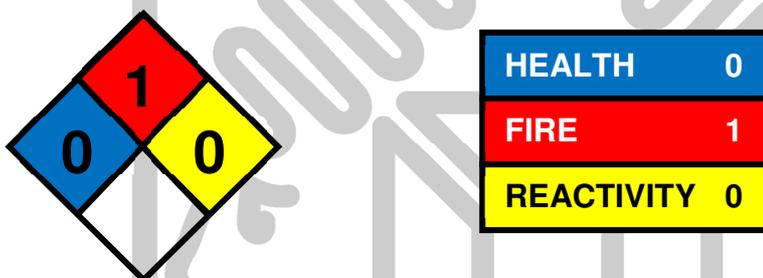
## Substances:

CAS nr.	identification	Hazard – risk
4511-42-6	L-Lactide	None known
95-96-5	DL-Lactide	None known
61063-13-9	Poly (DL-Lactide)	None known
33135-50-1	Poly (L-Lactide)	None Known

## Quality of selected polymers:

- Residual monomer < 0.5%
- Residual solvent < 0.05%
- Residual catalyst <200ppm
- Heavy metal < 10ppm
- Water content: ≤ 0.5%

## NFPA rating / HMIS rating:



## Health hazard information:

May cause mild skin and eye irritation if reacted with water

Medical conditions aggravated by exposure: none expected, based on available information

## First aid:

Eye contact: Solid or dust may cause irritation or corneal injury due to mechanical action

Skin contact: Essentially nonirritating to skin, mechanical injury only

Inhalation: No harmful effects expected, if any symptoms obtain medical support

Ingestion: No harmful effects expected, if any symptoms obtain medical support

## Precautions for safe handling and use:

For operations where eye or face contact can occur, eye protection is recommended

Avoid breathing dust

Hot and/or melted polymer can severely burn the skin – handle with care

Extrude only in a well-ventilated area, never burn filament, toxic gasses and vapors will be generated if exposed to fire.

## Exposure control methods:

Non for normal use

### **Fire and explosion hazard information:**

The material will burn if exposed to sufficient heat and an ignition source  
Avoid dispersion of dust in the air to reduce dust explosion hazard potential

#### **Fire-fighting:**

Use water, carbon dioxide, dry chemical powder or foam to extinguish fires  
Firefighters must wear self-contained positive pressure breathing apparatus and fully protective equipment

### **Reactive data:**

Stability: stable  
Incompatibility: stable  
Decomposition: slow reaction in the presence of water  
Polymerization: will not occur  
Combustion: carbon monoxide and/or carbon dioxide may form during combustion

### **Physical properties:**

Appearance: solid filament  
Solubility in water: reacts very slowly with water

### **Spill or leak procedures:**

Collect for disposal, use appropriate personal protective equipment during clean-up

### **Waste disposal:**

The material is non-hazardous and biodegradable  
Disposal must be made in accordance with the applicable governmental regulations.

### **Storage conditions:**

Keep dry in a cool place, when the plastic foil is opened store in a container together with a desiccant to maintain product quality. Keep the container closed until it is ready for use.

### **Shipping information:**

D.O.T.: not regulated as hazardous by D.O.T or I.M.O

**The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1907/2006, EU Commission directive 1999/45/EC, 1967/548/EEC**

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may be applicable.