



Xi'an Ruixi Biological Technology Co.,Ltd  
Xi'an city, Shaanxi Province, China  
Web: <http://www.ruixibiotech.com>  
Tel: 0086 29 86354885  
E-mail: [Sales@ruixibiotech.com](mailto:Sales@ruixibiotech.com)

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# Materials Safety Data Sheet

## 1. Product Information

Product Name: PLGA-PEG-PEI

Chemical Name: Poly(L-lactide-co-glycolide)-Polyethylene glycol-Polyethylenimine

Catalog Number: R-PL2016

Molecular Weight: PEG MW: 750, 1000, 2000, 3400, 5000 Dalton

PEI MW: 600, 1200, 2000, 2500, 10000, 25000 Dalton

## 2. Physical Data

Boiling Point: Not determined

Solubility: Not determined

Purity: 90%-97%

Appearance: Liquid or solid

## 3. Fire and Explosion Data

Flash point: Not determined

Flammability: No fire or explosion hazard known

Autoignition temperature: Not determined

Explosion limits: None

## 4. Hazards Identification

Emergency overview: No particular hazard associated with this compound

Health Hazard: None

Eye Hazard: None

Skin Hazard: None

Inhalation: Not determined

Ingestion: Not determined

Target Organs: Not determined

Chronic health effects: Unknown

## 5. Storage Procedures

Storage at 2-8°C or -20°C.

## **6. Spill or Leak Procedures**

The material can be collected by wet cloth or gently swept into a suitable container for proper disposal.

## **7. Handling**

Wear appropriate safety apparel when handling all materials.

Avoid contact with eyes and skin.

Do not directly breathe in vapors/gas.

Ensure access to a safety shower and eye bath.

Wash thoroughly after handling.

## **8. First Aid**

Oral contact: If swallowed, rinse your mouth in time

Skin contact: Rinse with plenty of soapy water

Eye contact: Flush eyes with plenty of water for a few minutes

Inhalation: Move person into fresh air

In short, if you feel unwell, please seek medical attention immediately.

## **9. Other information**

This product is for research use only, Not for human or animal use.

**Non-hazardous Material, Approved For Air Transport.**