

3401 Grays Ferry Avenue, Building 176, Philadelphia PA 19146

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## Safety Data Sheet

### 1. Identification

Product Name	Poly(D,L-lactide-co-glycolide), PLGA
Substance/Mixture	Substance
Company:	Allevi, Inc.
Address	3401 Grays Ferry Avenue, Building 176, Philadelphia PA 19146
Telephone	215-588-8937 Hours of operation: Monday – Friday, 9:00 am – 6:00 pm
Email	support@allevi3D.com

### 2. Hazards Identification

Classification of the substance or mixture	
Physical Hazards	Not classified
Health Hazards	Not classified
Environmental Hazards	Not classified
Label Elements, including precautionary statements	
Pictograms or hazard symbols	None
Signal word	No signal word
Hazard Statements	None
Precautionary statements	None

This substance is not classified according to the Globally Harmonized System (GHS)

### 3. Composition/Information on Ingredients

CAS Number	26780-50-7
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No ingredients are hazardous according to OSHA criteria

No components need to be disclosed according to the applicable regulations.

### 4. First Aid Measure

If inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact:	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact:	Flush eyes with water as a precaution
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
Indication of any immediate medical attention and special treatment needed	No data available.

### 5. Fire-fighting Measures

Suitable Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Specific hazards arising from the chemical:	Nature of decomposition products not known.
Precautions for Firefighters:	

(contd. on page 2)

Special Protective Equipment for Firefighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full –piece operated in positive pressure mode
Further information	No data available

## 6. Accidental Release Measures

Personal Precautions, Protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
Environmental Precautions:	No special environmental precautions requires.
Methods and materials for containment and cleaning up:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Reference to other sections	For disposal see section 13.

## 7. Handling and Storage

Precautions for Safe Handling	
Technical Measures:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dust. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Wear personal protective equipment according to section 8 if risk of exposure.
Conditions for safe storage, including any incompatibilities	
Storage Conditions:	Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature -20 °C
Specific end use(s)	No further relevant information available
Packaging Material:	Comply with laws

## 8. Exposure Controls/Personal Protection

Components with workplace control parameters	Contains no substances with occupational exposure limit values.
Personal Protective Equipment	
General protective and hygienic measures:	The usual precautionary measures for handling chemicals should be followed
Respiratory Protection.	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Eye Protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)
Skin protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Limitation and supervision of exposure into the environment	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
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## 9. Physical and Chemical Properties

Form	Solid
Color	White, clear
Odor	No data available
pH	No data available
Melting point/freezing point	No data available
Boiling point/range	No data available.
Flash point	>110°C (>230°F)
Flammability or explosive limits:	
Lower	No data available
Upper	No data available
Relative Density	No data available
Ignition temperature	
Decomposition temperature	No data available
Danger of explosion	No data available
Explosion limits	No data available
Oxidizing properties	No data available
Vapor pressure	No data available
Solubility(ies)	
Water	No data available
Segregation coefficient (n-octanol/water)	No data available
Viscosity:	Not applicable
Other information	No further relevant information available

## 10. Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Other decomposition products – no data available In the event of fire: see section 5

## 11. Toxicological Information

Acute toxicity:	No data available
Inhalation:	No data available
Dermal	No data available
No data available	
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity:	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity:	No data available
Specific target organ toxicity – single exposure	No data available.
Specific target organ toxicity- repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	RTECS: Not Available
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.	

## 12. Ecological Information

Toxicity	No data available
Persistence/degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil	No information available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Other adverse effects	No further information available

## 13. Disposal Considerations

Waste Treatment methods	Offer surplus and non-recyclable solutions to a licensed disposal company.
Uncleaned packagings	Contaminated packaging materials must be disposed of in the same manner as the product.

## 14. Transport Information

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

## 15. Regulatory information

Sara		
Section 302	No chemicals in this material are subject to the reporting of SARA Title III, Section 302.	
Section 313 (specific toxic chemical listings):	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312	No SARA Hazards	
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm	
Pennsylvania Right to know components:	Poly(D,L-lactide-co-glycolide)	CAS- NO: 26780-50-7
New Jersey Right to know components:	Poly(D,L-lactide-co-glycolide)	CAS- NO: 26780-50-7

## 16. Other Information

<b>HMIS Rating</b>	
Health Hazard	0
Chronic Health Hazard	0
Flammability	1

Physical Hazard	0
<b>NFPA Rating</b>	
Health Hazard	0
Fire Hazard	0
Reactivity Hazard	0

This information is based on our present knowledge. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. The products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility. Allevi, Inc. and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. This document and information shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.