

3401 Grays Ferry Avenue, Building 176, Philadelphia PA 19146

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Safety Data Sheet

1. Identification

| | |
|-------------------|--|
| Product Name | Gelatin Methacrylate |
| Substance/Mixture | Substance |
| Company: | Allevi, Inc. |
| Address | 3401 Grays Ferry Avenue, Building 176, Philadelphia PA 19146 |
| Telephone | 207-891-9635 |
| Email | info@allevi3D.com |

2. Hazards Identification

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| 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 |

Other Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. Composition/Information on Ingredients

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| CAS Number | Not classified |
|------------|----------------|

4. First Aid Measure

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| General Advice | Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. |
| After Inhalation: | If breathed in, move person into fresh air. If not breathing, give artificial respiration. |
| After Skin Contact: | Wash off with soap and plenty of water. Consult a physician. |
| After Eye Contact: | Rinse opened eye for several minutes under running water for at least 15 minutes and consult a physician. |
| 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). |
| Indication of any immediate medical attention and special treatment needed | No data available. |

5. Fire-fighting Measures

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| Suitable Extinguishing Media: | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide |
| Specific hazards arising from the chemical: | Not data available |
| Precautions for Firefighters: | |

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| 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

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| 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: | Prevent further leakage or spillage if safe to do so. Do not let product enter drains. |
| 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

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| 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. Provide appropriate exhaust ventilation where necessary. |
| 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. Light sensitive, moisture sensitive. |
| Specific end use(s) | No further relevant information available |
| Packaging Material: | Comply with laws |

8. Exposure Controls/Personal Protection

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| Components with workplace control parameters | Contains no substances with occupational exposure limit values. |
| Control Parameters | Not set up |
| Control Parameters | Not set up |
| Personal Protective Equipment | |
| General protective and hygienic measures: | The usual precautionary measures for handling chemicals should be followed |
| Respiratory Protection. | Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type PC (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). |
| Penetration time of glove material | The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed |

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| Eye Protection | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU) |
| Skin and body 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 | Complete suit protecting against chemicals. 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. |

9. Physical and Chemical Properties

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| Form | Solid |
| Color | White to off-white |
| Odor | No data available |
| pH | No data available |
| Melting point/freezing point | No data available |
| Boiling point/range | No data available. |
| Flash point | No data available |
| 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

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|------------------------------------|--|
| Reactivity | No data available |
| Chemical Stability | Stable under recommended storage conditions |
| Possibility of hazardous reactions | No data available |
| Incompatible materials | Strong oxidizing agents, amines, free radical initiators, chemically active metals |
| Hazardous decomposition products | Hazardous decomposition products formed under fire conditions. – Carbon oxides Other decomposition products – No data available In the event of fire: see section 5. |

11. Toxicological Information

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| Acute toxicity: | No data available |
| LD/LC50 values | No information available |
| Skin corrosion/irritation: | No data available |
| Serious eye damage/irritation: | No data available |
| Sensitization | No sensitizing effects known |
| Germ cell mutagenicity: | No data available |
| Carcinogenicity: | |
| IARC = | No data available |
| NTP = | No data available |
| Reproductive toxicity: | No data available |
| Remark | Caution – substance not yet fully tested Due to the structure of the substance and studies made on similar products we assume that the product is unclassified. |
| Additional Information | No data available. |

12. Ecological Information

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|------------------------------------|---|
| Ecotoxicity | |
| Aquatic Toxicity | No data available |
| Persistence/degradability: | No data available |
| Bioaccumulative Potential: | Bioaccumulation is unlikely. |
| 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 |
| Remark: | Caution – substance not yet fully tested. Due to the structure of the substance and studies made on similar products we assume that the product is unclassified. |

13. Disposal Considerations

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| Waste Treatment methods | Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. |
| Uncleaned packagings | Contaminated packaging materials must be disposed of in the same manner as the product. |
| Recommendation | Disposal must be made according to official regulations |

14. Transport Information

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| UN Number DOT,ADR,AND,IMDG,IATA | - |
| Proper shipping name (technical name) DOT,ADR,AND,IMDG,IATA | - |
| Transport hazard class(es) DOT,ADR,AND,IMDG,IATA Class | - |
| Packing group DOT,ADR, AND,IMDG, IATA | - |
| Environmental Hazards | Not applicable |

(Contd on page 5)

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| Special precautions for user | Not applicable |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
| Transport/Additional Information | Not dangerous according to the above specifications. |

15. Regulatory information

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| 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. |
| 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 |

16. Other Information

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.