

Complies with approved code of practice: chemical (hazard information and packaging for supply) regulations 2002 (UK) and European 67/548/EEC, 1999/45/EC format, Australian NOHSC: 1008 , 10005(1999), 2011(2003), 1003(1995), Australian dangerous goods code 7<sub>th</sub> edition, and 2001/58/E, ANSI standard Z400.1 and U.S. Federal OSHA hazard communication, reach EC 1907/2006

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|                                 |   |
|---------------------------------|---|
| <b>Name of Product</b>          | PlasPINK  |
| <b>Recommended intended use</b> | For use in the Freeform Pico 3D printer                                       |
| <b>Manufacturer/distributor</b> | Asiga<br>155 North Riverview Drive<br>Suite #100<br>Anaheim Hills<br>CA 92808 |
| <b>Advice</b>                   | US TOLL FREE +1 877-689 99 98   |
| <b>Emergency Advice</b>         | Chemtrec 800 424 9300   |

### 2. COMPOSITION INFORMATION

**Hazardous ingredients**

| <b>CAS No</b> | <b>EC No</b> | <b>Name</b>  | <b>% Weight</b> | <b>Classification</b> |
|---------------|--------------|--|-----------------|-----------------------|
| 72869-86-4    | 276-957-5    | 7,7,9-(bzw. 7,9,9)Trimethyl-4, 13-dioxo-3, 14-dioxa-5, 12-diaza-hexadecan-1, 16-diol-dimethacrylat | 10 - 25         | R 52/53               |
| 2455-24-5     |              | Tetrahydrofurfuryl-2-methacrylat   | 10 – 20         | Xi                    |

### 3. HAZARDS IDENTIFICATION

**Classification**

Xi; R36/37/38  
R53/53

**R-phrases**

36/37/38  
52/53

Irritating to eyes, respiratory system and skin.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

### 4. FIRST AID MEASURES

|                                |   |
|--------------------------------|---|
| <b>In case of inhalation</b>   | Move affected person to fresh air. If respiratory irritation occurs, if breathing becomes difficult seek medical attention immediately. |
| <b>In case of skin contact</b> | In case of contact with skin, wash off with soap and water. Consult a doctor if skin irritation persists.                               |
| <b>In case of eye contact</b>  | In case of contact with eyes, rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.         |
| <b>In case of ingestion</b>    | If swallowed by mistake drink plenty of water and seek medical treatment.   |

### 5. FIRE-FIGHTING MEASURES

|   |   |
|---|---|
| <b>Suitable extinguishing media</b>                   | Foam, Dry Powder or Carbon dioxide.   |
| <b>Extinguishing media which must not be used</b>     | Full water jet.   |
| <b>Special protective equipment for fire-fighters</b> | Use breathing apparatus with independent air supply.  |
| <b>Additional Information</b>                         | Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. |

### 6. ACCIDENTAL RELEASE MEASURES

|                                  |  |
|----------------------------------|--|
| <b>Personal precautions</b>      | Use personal protective clothing. Keep away sources of ignition. |
| <b>Environmental precautions</b> | Do not discharge into the drains/surface waters/ground waters    |
| <b>Methods for cleaning up</b>   | Take up with absorbent material. E.g. diatomaceous earth         |
| <b>Additional Information</b>    | Information for disposal see chapter 13                          |

## 7. HANDLING AND STORAGE

**Advice on protection against fire and explosion** Keep away sources of ignition.  
**Further information on storage conditions** Keep container tightly closed. Store at 5 to 40°C (=41 to 104°F).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory protection** not applicable.  
**Hand protection** Synthetic rubber gloves.  
**Eye protection** Safety goggles with side protection.  
**General protective measures** Avoid contact with eyes and skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                             |                                  |                            |                |
|-----------------------------|----------------------------------|----------------------------|----------------|
| <b>Appearance</b>           | Flesh Pink                       | <b>Physical state</b>      | Liquid         |
| <b>Odor</b>                 | characteristic                   | <b>Flash point</b>         | > 150°C        |
| <b>Ignition temperature</b> | not determined                   | <b>Auto-ignition</b>       | not determined |
| <b>Viscosity 1 dynamic</b>  | ca. 400 mPa*s                    | <b>Solubility in water</b> | insoluble      |
| <b>Solubility / Other</b>   | soluble in most organic solvents |                            |                |

## 10. STABILITY AND REACTIVITY

**Condition to avoid** Reactions with light – risk of polymerization  
**Materials to avoid** Reactions with peroxides and other radical components.  
**Additional information** if unstable product polymerization is possible.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity / Irritability / Sensitization

|                          | Value / Validation | Species    | Method   | Remark                                  |
|--------------------------|--------------------|------------|----------|---|
| <b>LD 50 acute oral</b>  | > 2000 mg/kg       | Rat        | OECD 401 | Information concerns the main component |
| <b>Irritability skin</b> | Non-irritant       | Rabbit     | OECD 404 |   |
| <b>Irritability eye</b>  | Non-irritant       | Rabbit eye | OECD 405 |   |

## 12. ECOLOGICAL INFORMATION

**Biological degradability** not readily degradable  
**Eco-toxicological effects on fish** not determined.  
**Behavior in sewage plant** Obtain approval of the relevant authorities before discharging into sewage treatment plants.  
**General Regulation** Do not allow uncontrolled leakage of product into the environment. Product is not allowed to be discharged into the ground water or aquatic environment.

## 13. ECOLOGICAL INFORMATION

**Waste Code No** 07 02 08\* **Name of waste** other still bottoms and reaction residues  
 \*Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.  
**Recommendation for the product** Remove in accordance with local official regulations. Dispose of as hazardous waste.  
**Recommendation for packaging** Contaminated packaging should be emptied as much as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product..

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## 14. TRANSPORT INFORMATION

|  |                                       |
|--|---------------------------------------|
| International Air Transport Association            | Not regulated as a dangerous good     |
| International Maritime Dangerous Goods             | Not regulated as a hazardous material |
| European Agreement of Dangerous Goods by Road/Rail | Not regulated as a hazardous material |

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## 15. REGULATORY INFORMATION

### Classification

Xi Irritant

### R-phrases

36/37/38 Irritating to eyes, respiratory system and skin.  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

### S-phrases

24/25 Avoid contact with skin and eyes.  
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
46 If swallowed, seek medical advice immediately and show this container of label.  
7 Keep container tightly closed

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## 16. OTHER INFORMATION

### Further Information

The information contained herein is based on the state of our knowledge. It characterizes the product with regards to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

### Wording of the R-phrases specified in chapter 3 (not the classification of the formulation)

R 36/37/38 Irritating to eyes, respiratory system and skin.  
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.