## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product identifier.**
Product Name: ZIMPLE 3DSTICK - ADHESIVE FOR 3D PRINTER

**1.2 Relevant identified uses of the substance or mixture and uses advised against.**
Stick adhesive for 3D printers.

**Uses advised against:**
Uses other than those recommended.

**1.3 Details of the supplier of the safety data sheet.**

| | |
|---|---|
| Company: | **LABORATORIOS 3D PRINT, S.L.** |
| Address: | C/ Los Olmos, 6 |
| City: | 49600 - Benavente |
| Province: | Zamora |
| Telephone: | (+34) 980 544 109 |
| E-mail: | info@3dlac.com |

**1.4 Emergency telephone number:**
(+34) 980 544 109 (Only available during office hours; Monday-Friday; 09:00-17:00)

## SECTION 2: HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture.**
The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

**2.2 Label elements.**
Supplementary hazard statements:

| | |
|---|---|
| EUH208 | Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May cause allergic reaction. |
| EUH210 | The safety data sheet is available upon request. |

**2.3 Other hazards.**
The mixture does not contain substances classified as PBT (Persistent, Bioaccumulative and Toxic).
The mixture does not contain substances classified as vPvB (very Persistent and very Bioaccumulative).
The mixture does not contain substances with endocrine disrupting properties.

Under normal conditions of use and in its original form, the product has no other negative effects on health and the environment.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances.**
Not Applicable.

**3.2 Mixtures.**
Not Applicable.

## SECTION 4: FIRST AID MEASURES

The updated composition information of the product has been sent to the Toxicological Information Service (National Institute of Toxicology and Forensic Sciences). In case of intoxication call the Toxicological Information Service: Tel. (24 hours) 91 562 04 20

**4.1 Description of first aid measures.**
Due to the composition and typology of the substances present in the preparation, no particular warnings are necessary.

**INHALATION.** If breathing stops, apply artificial respiration and request urgent medical attention. Place the injured person in the open air, keep warm and at rest, if breathing is irregular or stops, give artificial respiration .

**EYE CONTACT.** Retirar las lentes de contacto, si lleva y resulta fácil de hacer. Lavar abundantemente los ojos con agua limpia y fresca durante, por lo menos, 10 minutos, tirando hacia arriba de los párpados y buscar asistencia médica.

**SKIN CONTACT.** Remove contaminated clothing.

**INGESTION.** If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed.**
There are no known acute or delayed effects from exposure to the product.

**4.3 Indication of any immediate medical attention and special treatment needed.**
In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

## SECTION 5: FIREFIGHTING MEASURES

**5.1 Extinguishing media.**
**SUITABLE EXTINGUISHING MEDIA:**
Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

**UNSUITABLE EXTINGUISHING MEDIA:**
Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

**5.2 Special hazards arising from the substance or mixture.**
**SPECIAL RISKS.**
Exposure to combustion or decomposition products can be harmful to your health.

**5.3 Advice for firefighters.**
Refrigerar con agua los tanques, cisternas o recipientes próximos a la fuente de calor o fuego. Tener en cuenta la dirección del viento.

**FIRE PROTECTION EQUIPMENT.**
SAccording to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots. During extinction and depending on the magnitude and proximity to the fire, additional protective equipment such as chemical protection gloves, heat-reflecting suits or gas-tight suits may be required.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures.**
For exposure control and personal protective measures, see section 8.

**6.2 Environmental precautions.**
Product not classified as hazardous to the environment, avoid as far as possible any spillage.

**6.3 Methods and material for containment and cleaning up.**
Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, diatomaceous earth...) and clean up the area immediately with a suitable decontaminant.Deposit waste in closed containers suitable for disposal in accordance with local and national regulations (see section 13).

**6.4 Reference to other sections.**
For exposure control and personal protective measures, see section 8.
For waste disposal, follow the recommendations in section 13.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling.**
The product does not require special handling measures, the following general measures are recommended: For personal protection, see section 8.Smoking, eating and drinking should be prohibited in the area of application. Comply with the legislation on safety and hygiene at work.Never use pressure to empty the containers, they are not pressure resistant containers. Keep the product in containers made of a material identical to the original one.

**7.2 Conditions for safe storage, including any incompatibilities.**
The product does not require special storage measures.As general storage conditions, avoid sources of heat, radiation, electricity and contact with food.Keep away from oxidizing agents and strongly acidic or alkaline materials.Store containers between 5 and 25 oC, in a dry and well ventilated place.Store according to local legislation. Observe label instructions. Once opened, containers should be carefully resealed and placed vertically to avoid spillage.

The product is not affected by Directive 2012/18/EU (SEVESO III).

**7.3 Specific end use(s).**
Not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters.**
The product does NOT contain substances with Occupational Environmental Exposure Limit Values. The product does NOT contain substances with Biological Limit Values.

**8.2 Exposure controls.**
MEASURES OF A TECHNICAL NATURE: Provide adequate ventilation, which can be achieved through good local exhaust-ventilation and a good general exhaust system.

| | | |
|---|---|---|
| **Concentration:** | **100%** | |
| **Uses:** | **Adhesive stick for 3d printers** | |

**Breathing protection:**

If the recommended technical measures are complied with, no personal protective equipment is required.

**Hand protection:**

If the product is handled correctly, no personal protective equipment is necessary.

| Eye protection: |
|---|
| If the product is handled correctly, no personal protective equipment is necessary. |

| Skin protection: | |
|---|---|
| PPE | Anti-static safety footwear. |
| Características: | «CE» marking, category II. |
| CEN standards: | EN ISO 13287, EN 20347 |
| Maintenance:: | These articles adapt to the shape of the foot of the first user. For this reason, as well as for hygiene reasons, reuse by another person should be avoided. |
| Observations: | Work footwear for professional use is footwear that incorporates protective elements designed to protect the user from injuries that could cause accidents, the workers for whom this footwear is suitable should be reviewed. |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties.**

Physical State: Liquid Color
Color: Colorless
Odor: Odour:
Odour threshold: Not applicable/Not available due to the nature/properties of the product.
Melting Point: Not applicable/Not available due to the nature/properties of the product.
Freezing Point: Not applicable/Not available due to the nature/properties of the product.
Initial Boiling Point/Boiling Range: Not applicable/Not available due to the nature/properties of the product.Flammability: Not applicable/Not available due to the nature/properties of the product.
Lower Explosion Limit: Not applicable/Not available due to the nature/properties of the product.
Flammability: Not applicable/Not available due to the nature/properties of the product.
Lower explosion limit: Not applicable/Not available due to the nature/properties of the product.
Upper explosion limit: Not applicable/Not available due to the nature/properties of the product.
Flash point: Not applicable/Not available due to the nature/properties of the product.
Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product.
Decomposition temperature: Not applicable/Not available due to the nature/properties of the product.
pH: 5.0 - 6.0
Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product.
Solubility: Not applicable/Not available due to the nature/properties of the product.
Water solubility: Not applicable/Not available due to the nature/properties of the product.
Liposolubility: Not applicable/Not available due to the nature/properties of the product.
Water solubility: Not applicable/Not available due to the nature/properties of the product.
Water solubility: Not applicable/Not available due to the nature/properties of the product.
Water solubility: Not applicable/Not available due to the nature/properties of the product.

**9.2 Other information.**

**Information concerning physical hazard classes Flammable liquids:**
Sustained combustibility: Yes.

**Other safety features**
% Solids: 5,0-6,0

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity.**

The product does not present hazards due to its reactivity.

**10.2 Chemical stability.**

Unstable in contact with:
- Bases.

**10.3 Possibility of hazardous reactions.**
Neutralization may occur in contact with bases.

**10.4 Conditions to avoid.**
- Avoid contact with bases.

**10.5 Incompatible materials.**
Avoid the following materials:
- Bases.

**10.6 Hazardous decomposition products.**
Depending on the conditions of use, the following products may be generated:
- Corrosive vapors or gases.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on hazard classes as defined in Regulation (EC) Nº 1272/2008.**

**Toxicological information about the substances present in the composition.**

a) acute toxicity;
Not conclusive data for classification.

b) skin corrosion/irritation;
Not conclusive data for classification.

c) serious eye damage/irritation;
Product classified:
Eye irritation, Category 2: Causes serious eye irritation.

d) respiratory or skin sensitisation;
Not conclusive data for classification.

e) germ cell mutagenicity;
Not conclusive data for classification.

f) carcinogenicity;
Not conclusive data for classification.

g) reproductive toxicity;
Not conclusive data for classification.

h) STOT-single exposure;
Product classified:
Specific target organ toxicity following a single exposure, Category 3: May cause drowsiness or dizziness.

i) STOT-repeated exposure;
Not conclusive data for classification.

j) aspiration hazard;
Not conclusive data for classification..

**11.2 Information on other hazards.**

ENDOCRINE DISRUPTING PROPERTIES
This product does not contain components with endocrine-disrupting properties with effects on human health.

OTHER INFORMATION
There is no information available on other adverse health effects.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Toxicity.**
Not Applicable

**12.2 Persistence and degradability.**
No information is available on the biodegradability of the substances present.
No information is available on the degradability of the substances present.
No information is available on the persistence and degradability of the product.

**12.3 Bioaccumulative potential.**
No information on bioaccumulation of the substances present is available.

**12.4 Mobility in soil.**
No information on mobility in soil is available.
The product should not be allowed to enter sewers or watercourses.
Avoid penetration into the soil.

**12.5 Results of PBT and vPvB assessment.**
There is no information available on the PBT and vPvB assessment of the product.

**12.6 Endocrine disrupting properties.**
This product does not contain components with endocrine disrupting properties on the environment.

**12.7 Other adverse effects.**
No information on other adverse effects on the environment is available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods.**
Do not discharge into sewers or watercourses. Waste and empty containers must be handled and disposed of in accordance with local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management.

## SECTION 14: TRANSPORT INFORMATION

Not dangerous in transport. In case of accident and spillage of the product act according to point 6.

**14.1 UN number or ID number.**
Not dangerous in transport.

**14.2 UN proper shipping name.**
Description:
ADR/RID: Not dangerous in transport.
IMDG: Not dangerous in transport.
ICAO/IATA: Not dangerous in transport.

**14.3 Transport hazard class(es).**
It is not dangerous in transport.

**14.4 Packing group.**
It is not dangerous in transport.

**14.5 Environmental hazards.**
It is not dangerous in transport.
Transport by ship, FEm - Emergency sheets (F - Fire, S - Spills): Not applicable.

**14.6 Special precautions for user.**
It is not dangerous in transport.

**14.7 Maritime transport in bulk according to IMO instruments.**
It is not dangerous in transport.

## SECTION 15: REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.**
The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Classification of the product according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

The product is not affected by Regulation (EU) No 528/2012 concerning the placing on the market and use of biocidal products.
The product is not affected by the procedure laid down in Regulation (EU) No 649/2012 concerning the export and import of dangerous chemicals.

**15.2 Chemical safety assessment.**
A chemical safety assessment of the product has not been carried out.

## SECTION 16: OTHER INFORMATION

Full text of H phrases appearing in section 3:

H301 Toxic if swallowed. H310 Lethal in contact with skin.
H314 causes severe skin burns and serious eye damage.
H315 Causes skin irritation.
H317 May cause allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal in case of inhalation.
H400 Very toxic to aquatic organisms.
H410 Very toxic to aquatic organisms, with long lasting effects.

Classification codes:
Acute Tox. 2 : Acute dermal toxicity, Category 2
Acute Tox. 2 : Toxicidad aguda por inhalación, Categoría 2
Acute Tox. 3 : Toxicidad oral aguda, Categoría 3
Aquatic Acute 1 : Acute Toxicity to the Aquatic Environment, Category 1 Aquatic Chronic 1 : Chronic Effects to the Aquatic Environment, Category 1 Eye Dam. 1 : Serious Eye Dam. 1 : Serious Eye Injury, Category 1
Skin Corr. 1C : Skin corrosive, Category 1C
Skin Sens. 1A: Skin sensitizer, Category 1A

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

| | |
|---|---|
| Physical hazards | On basis of test data |
| Health hazards | Calculation method |
| Environmental hazards | Calculation method |

It is recommended to use the product only for its intended uses.

Abbreviations and acronyms used:

**CEN:** European Committee for Standardization.
**EC50:** Half maximal effective concentration.
**PPE:** Personal protection equipment.
**LC50:** Lethal concentration, 50%.
**LD50:** Lethal dose, 50%.

Principales referencias bibliográficas y fuentes de datos:
http://eur-lex.europa.eu/homepage.html
http://echa.europa.eu/
Regulation (EU) 2020/878.
Regulation (EC) No 1907/2006.
Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.