

SAFETY DATASHEET

According to Regulation (EC) No. 1272/2008 (CLP) and (EC) No. 1907/2006 (REACH)

1. Product identifier and details of the supplier of the safety data sheet

Product name:	Plexiwire resin model
Product family:	Plexiwire resin model
Product Type:	Plexiwire resin model
Identified uses:	It is used for 3D printing by SLA / DLP method
Manufacturer Company:	“EUROPLEX” Limited Trade Development, 62415, Ukraine, Kharkiv region, Kharkiv district, village Slobozhanske, Mira str. build. 48a.
Emergency health information:	+380503233572

2. Hazard identification

GHS Classification This substance is not classified according to Directive 1272/2008 / EC and its amendments (CLP regulation, GHS).

GHS label elements:

Hazard pictograms: Pictogram is not required

Signal word: Warning

Defining characteristics of the product: Solution

Classification of the substance or mixture

GHS Classification Not classified as hazardous product.

Label elements:

Precautionary Statements:

P102 Keep out of reach of children

P262 Do not get in eyes, on skin

P314 Get medical advice/attention if you feel unwell

P402 Store in a dry place

P505 Dispose of contents/ packing to in accordance with local/regional/national/international regulation. See section 11 for more detailed information about factors that affect health and the symptoms.

General:	Before use, read the quality certificate.
Prevention:	Do not get in eyes, in the skin. Do not ingest. Observe good personal hygiene.
Response to possible exposure:	Consult a physician if you feel unwell.
Storage:	Store in original manufacture packaging.
Disposal:	Dispose of contents and container in accordance with local, regional, national and international regulations.
Other hazards:	No other hazards are known.

3. Composition/Information on ingredients

Formula: None

Component	CAS Nº	CLP classification	Percentage, %
EBECRYL 600/30 DP	4687-94-9 / 225-144-3	Skin sens. 1; H317	Secret trade
Laromer TPGDA	42978-66-5	N/E	Secret trade
OMNIRAD 819	162881-26-7/ 423-340-5	Skin sens. 1; H317 Aquatic Chronic 4; H413	Secret trade
Inorganic pigments	-	N/E	Secret trade

There are no additional ingredients present which within the current knowledge of the supplier and in the concentrations applicable could be classified as hazardous to health or the environment and hence require reporting in this section.

4. First Aid Measures

4.1. Description of the first aid measures

General advice:	In the event of symptoms of the effects of the substance, it is necessary to provide first medical aid. Consult a physician.
Following eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical attention.
Following skin contact:	Wash hands with water. If skin irritation persists, call a physician.
Following inhalation:	Remove person to fresh air.
Following ingestion:	Rinse mouth with water, plentifully drink. Consult a physician if symptoms develop.

4.2. Most important symptoms and effects, both acute and delayed

Eye contact:	May cause irritation of mucous membranes.
Skin contact:	May cause an allergic reaction.
Inhalation:	Not available.
Ingestion:	May cause irritation of the digestive tract.
Notes to physician:	No specific treatment.
Specific treatments:	No specific treatment.

5. Firefighting measures

Extinguishing media:

Suitable:	Carbon dioxide, water, dry powder, foam, sand.
Not suitable:	No data available.
Special hazards arising from the substance or mixture:	Non flammable
Advice for fire fighters:	Wear protective clothing and self-contained breathing apparatus.
Hazardous combustion products	Decomposition products may include the following materials: Carbon oxides

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Avoid contact with eyes, skin. Do not ingest. Ventilate the room.
Environmental precautions:	Do not discharge into lakes, streams, ponds.
Methods and material for containment and cleaning up:	Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material and place in container for disposal according to local / national regulations (see section 13).
Reference to other sections:	See Section 1 for Product identifier and details of the supplier of the safety data sheet. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. Handling and storage

Precautions for safe handling:	Before use read the quality certificate. Avoid contact with eyes, skin. Do not ingest. Observe good personal hygiene.
Conditions for safe storage, including any incompatibilities:	Store indoors or under cover, in a package of the manufacturer. Protect from direct sunlight and dirt. Ensure appropriate labeling containers.
Specific end use:	Use as directed.

8. Exposure controls/personal protection

Control parameters:

Personal, workplace or environmental monitoring may be necessary to ensure exposures that are recommended below.

Engineering measures: Effective exhaust ventilation system

Personal protective equipment:

Eye Protection: Safety goggles (general rule)

Skin Contact: Gloves (general rule)

Respiratory Protection: Mask (general rule)

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked for compliance with the environmental protection requirements of the legislation of the environment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Colored liquid.
Odor (Odor threshold):	Characteristic
Freezing Temperature:	No data available
Boiling point:	>100 C°
Flash point:	Non-flammable substance.
Decomposition temperature:	No data available
Density:	1,2
Viscosity Pa*s:	0,7
pH :	No data available
Solubility in water,%:	No data available

10. Stability and reactivity

Reactivity:	Stable
Chemical stability:	Stable
Possibility of Hazardous Reactions:	Stable
Conditions to Avoid:	Avoid direct sunlight and pollution
Hazardous Decomposition Products:	In case of fire hazardous decomposition products may be produced such as: Carbon oxides

11. Toxicological information

Possible ways of contact with the organism:	Getting through the eyes, skin, mouth.
Eye irritation:	May cause irritation of the mucous membranes.
Skin corrosion/irritation	May cause an allergic reaction.
Respiratory irritation:	Not available.
Ingestion Irritation:	May cause irritation of the digestive tract.
Chronic Exposure :	Health injuries are not known or expected under normal use.

Toxicity

Acute oral toxicity :	No data available
Acute inhalation toxicity :	No data available
Acute dermal toxicity :	No data available
Skin corrosion/irritation:	No skin irritation
Serious eye damage/eye irritation:	No eye irritation
Respiratory or skin sensitization:	No data available
Carcinogenicity :	No data available
Reproductive effects :	No data available
Germ cell mutagenicity	No data available
Teratogenicity :	No data available

STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration toxicit	No data available

12. Ecological information

Toxicity:	Do not discharge into lakes, streams, ponds.
Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available.
Other adverse effects:	Not available.

13. Disposal considerations

Disposal instructions:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Waste must be disposed of in accordance with federal, state/provincial and local environmental control regulations. In the production of waste to be disposed, are not formed.
Local disposal regulations Hazardous waste code:	Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Contaminated packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

Transportation can be carried out in accordance with national legislation or ADR - for transport by road, RID - to transport by rail, IMDG - for transportation by sea, IATA - for transportation by air.

	UN no.	Appropriate shipping name	Classes hazards during transportation	PG	Env
ADR/RID	UN no. not installed	Plexiwire resin model	-	-	-
IATA			-	-	-
IMDG			-	-	-

Transportation indoors consumer: Transportation always in packaging of manufacturer.
Transport in bulk according to MARPOL Annex II and IBC Code Not Applicable.

15. Regulatory information

Safety Health and Environment / special law for the substance or mixture:

EU Regulation (EC) N° 1907/2006 (REACH) Annex XIV - List of substances subject to authorization: None of the components are listed.

Annex XIV: Substances very special attention: None of the components are listed.

CHAPTER XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles. Not applicable.

16. Other information

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet/ In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.