



Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: March 2017

Product name: Pataplast

Page: Page 1 of 6

SECTION 1. Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier

Trade name: Pataplast

1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the Substance/Mixture: Decorative industry.

1.3 Details of the supplier of the safety data sheet

Company: Esprit Composite
22, Rue Gassendi
F-75014 Paris
France
Telephone: Tel: +33 1 4044 4797
Telefax: Fax: +33 1 4044 4951
Website: www.espritcomposite.com
E-mail: contact@espritcomposite.fr

1.4 Emergency telephone number:

NHS Direct England or Wales: +44 0845 4647
NHS 24 Scotland (UK only): +44 08454 242424

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3. Composition/information on ingredients

3.1 Substance

Name: Polymer 2 - oxepanone, homopolymer

CAS number: 24980-41-4

SECTION 4. First aid measures:

4.1 Description of first aid measures

Eyes : Rinse opened eye under running water.
Skin : First aid measures not required, but wash exposed skin with soap and water for hygienic reasons. After contact with the molten/hot product, cool rapidly with cold water.
Inhalation : First aid measures not required, but get fresh air for personal comfort.
Ingestion: Rinse mouth with water. If a large quantity has been ingested or you feel unwell, get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed



Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: March 2017

Product name: Pataplast

Page: Page 2 of 6

Symptoms: Information about cases of hazard to health not available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Information not available.

SECTION 5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water. Foam. Carbon dioxide. Fire-extinguishing powder.

Unsuitable extinguishing media: Water with full jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: In case of fire, the following can be released:
Carbon monoxide (CO)
Monomer (2-Oxepanone, Hexan-6-Olide, CAS 502-44-3)

5.3 Advice for firefighters

Special protective equipment for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear safety glasses, gloves, protective clothing and rubber boots for hygienic reasons.

6.2 Environmental precautions

Environmental precautions: Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Pick up mechanically. Clean the affected area carefully; suitable cleaners are: water.

6.4 Reference to other sections

For personal protection: See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Wear personal protective equipment according to section 8 if risk of exposure. Keep away from heat and direct sunlight.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Requirements to be met by storerooms and receptacles: Store only in the original receptacle. Store in cool, dry conditions in well sealed receptacles.

7.3 Specific end use(s)

Specific use(s): No information available



Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: March 2017

Product name: Pataplast

Page: Page 3 of 6

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- DNELs Not determined
- PNECs Not determined

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Not necessary if room is well-ventilated. Use suitable respiratory protective device in case of insufficient ventilation. Filter P1

Eyes protection:

Safety glasses.

Hands protection:

Protective gloves not really required. However, we recommend using protective gloves made of rubber. Material of gloves: PVC gloves, Chloroprene rubber – CR, Butyl rubber – BR.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Skin protection:

Normal work clothes for the chemical industry (long legs and sleeves).

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Granulate
Colour	White
Odour	Odourless
Melting point/melting range:	58-60°C
Boiling point/Boiling range:	Not determined.
Flash point:	275°C
Flammability (solid, gaseous):	Not determined.
Ignition temperature:	
Decomposition temperature:	approx 200°C
Danger of explosion:	Not explosive.
Explosion limits:	Not applicable
Oxidizing properties	Not oxidizing.
Vapour pressure:	Not determined.
Density at 60°C:	1.1 g/cm ³
Solubility in / Miscibility with water:	Insoluble.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not applicable.

9.2 Other information

No further relevant information available.



Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: March 2017

Product name: Pataplast

Page: Page 4 of 6

SECTION 10. Stability and reactivity

10.1 Reactivity

Reactivity:

There exists no specific test data for this product. For further information, see the subsequent subsections of this chapter.

10.2 Chemical stability

Chemical stability:

The product is stable at normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid

Conditions to avoid:

Heat.

10.5 Incompatible materials

Materials to avoid:

Avoid contact with acids.

Avoid contact with bases.

10.6 Hazardous decomposition products

Hazardous decomposition products:

Possible decomposition and release of monomer at temperatures above 200°C.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity:

LD/LC50 values:

No information available.

The polymer is not bioavailable because of its molecular size.

Skin corrosion/irritation

Product:

Remarks: no data available

Serious eye damage/eye irritation

Product:

Remarks: no data available

Respiratory or skin sensitization

Product:

Remarks: No data available

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT - single exposure

Product:

Remarks: no data available

STOT - repeated exposure

Repeated dose toxicity

Product:

Remarks: No data available

Aspiration toxicity

Components:

Remarks: No data available

Further information

Product:

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.



Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: March 2017

Product name: Pataplast

Page: Page 5 of 6

SECTION 12. Ecological information

12.1 Toxicity

Product:

Toxicity to fish:

Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates:

Remarks: No data available

The polymer is not bioavailable because of its molecular size.

12.2 Persistence and degradability

Product:

Biodegradability:

Remarks: No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation:

Remarks: No data available

12.4 Mobility in soil

Mobility in soil:

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment:

Results of PBT and vPvB assessment

PBT: No.

vPvB: No.

Other adverse effects No further relevant information available.

12.6 Other adverse effects

Product:

Additional ecological information:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

General information

Disposal Methods:

The user's attention is drawn to the possible existence of local regulations regarding disposal.

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Incinerate in suitable combustion chamber. Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

European Waste Codes:

16 03 06 organic wastes other than those mentioned in
16 03 05

SECTION 14. Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good



Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: March 2017

Product name: Pataplast

Page: Page 6 of 6

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59): This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorization (Annex XIV): Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major accident hazards involving dangerous substances: Not applicable

15.2 Chemical Safety Assessment

Not applicable

SECTION 16. Other information

Further information

Training advice

Provide adequate information, instruction and training for operators.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.