



# Safety data sheet

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

Revision date: Mai 2015

Product name: Plastacrete Part B

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

### 1.1 Product identifier

Trade name: Plastacrete Part B

1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the Substance/Mixture: Casting Resin

### 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**

### 3.2 Mixtures

Chemical nature: Acrylic Resin Solution

Hazardous components:

Remarks: No hazardous ingredients

## **SECTION 4. First aid measures:**

### 4.1 Description of first aid measures

General advice: Keep warm and in a quiet place.  
Show this safety data sheet to the doctor in attendance.  
Take off all contaminated clothing immediately.  
If inhaled: Move to fresh air.  
Keep patient warm and at rest.  
If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.  
In case of skin contact: Wash off immediately with soap and plenty of water.



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In case of eye contact:

Do NOT use solvents or thinners.  
If on clothes, remove clothes.  
If skin irritation persists, call a physician.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If swallowed:

If eye irritation persists, consult a specialist.  
If easy to do, remove contact lens, if worn.  
Keep at rest.  
Do not induce vomiting without medical advice.  
Keep respiratory tract clear.  
If symptoms persist, call a physician.

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

Symptoms: No information available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment: The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

## **SECTION 5. Fire fighting measures**

### 5.1 Extinguishing media

Suitable extinguishing media: Water  
Carbon dioxide (CO<sub>2</sub>)  
Foam  
Dry powder

Unsuitable extinguishing media: None known.

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: Burning produces irritant fumes.

### 5.3 Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.  
In the event of fire and/or explosion do not breathe fumes. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Immediately evacuate personnel to safe areas.  
Prevent fire extinguishing water from contaminating surface water or the ground water system.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Further information:

## **SECTION 6. Accidental release measures**

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to protective measures listed in sections 7 and 8.  
Evacuate personnel to safe areas.  
Use personal protective equipment.  
Ensure adequate ventilation.  
Inform the responsible authorities in case of gas leakage, or of entry into waterways, soil or drains.



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## 6.2 Environmental precautions

Environmental precautions:

Do not allow uncontrolled discharge of product into the environment.

Try to prevent the material from entering drains or water courses.

Local authorities should be advised if significant spillages cannot be contained.

## 6.3 Methods and material for containment and cleaning up

Methods for cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

Pick up and transfer to properly labeled containers.

## 6.4 Reference to other sections

For personal protection:

see section 8.

## **SECTION 7. Handling and storage**

### 7.1 Precautions for safe handling

Advice on safe handling:

Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms.

Avoid inhalation, ingestion and contact with skin and eyes.

Wear personal protective equipment.

Advice on protection against fire and explosion:

Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures:

Provide adequate ventilation. Wash hands and face before breaks and immediately after handling the product.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Keep containers tightly closed in a dry, cool and well ventilated place. Keep in properly labeled containers.

Advice on common storage:

Keep product and empty container away from heat and sources of ignition.

Keep away from food and drink.

Other data:

Stable at normal ambient temperature and pressure.

### 7.3 Specific end use(s)

Specific use(s):

Consult the technical guidelines for the use of this substance/mixture.

## **SECTION 8. Exposure controls/personal protection**

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

Engineering measures:

Effective exhaust ventilation system

### **Personal protective equipment**

Eye protection:

Safety glasses with side-shields conforming to EN166

Do not wear contact lenses.



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Hand protection:

Skin and body protection:

Respiratory protection:

Protective measures:

Ensure that eyewash stations and safety showers are close to the workstation location.

Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Protective suit

In the case of vapour formation use a respirator with an approved filter.

Respirator with a vapour filter (EN 141)

Avoid contact with skin.

Wear suitable protective equipment.

## **SECTION 9. Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Appearance:	liquid
Color:	white
Odor:	slight
Odor Threshold:	not determined
pH:	5 - 8,5
Boiling point/boiling range:	100 °C
Evaporation rate:	not determined
Upper explosion limit:	Not applicable
Lower explosion limit:	Not applicable
Vapor pressure:	Not applicable
Relative vapor density:	not determined
Density:	1,035 g/cm <sup>3</sup> (25 °C)
Bulk density:	not determined
Solubility(ies)	
Solubility in other solvents:	not determined
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	Not applicable
Thermal decomposition:	Method: No data available
Viscosity	
Viscosity, dynamic	480 - 630 mPa.s (25 °C)
Viscosity, kinematic	non determined
Explosive properties:	Not applicable
Oxidizing properties:	Not applicable

### 9.2 Other information

Surface tension:	not determined
Sublimation point:	Not determined

## **SECTION 10. Stability and reactivity**

### 10.1 Reactivity

Reactivity: Stable under recommended storage conditions.

### 10.2 Chemical stability

Chemical stability: No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions: No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Conditions to avoid: No decomposition if used as directed.



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## 10.5 Incompatible materials

Materials to avoid:

Acids  
Bases  
Oxidizing agents

## 10.6 Hazardous decomposition products

Hazardous decomposition products:

No decomposition if stored and applied as directed.  
In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## SECTION 11. Toxicological information

### 11.1 Information on toxicological effects

#### **Acute toxicity**

**Product:**

Acute oral toxicity:

Remarks: no data available

#### **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:**

**acetone:** No aspiration toxicity classification

#### **Further information**

**Product:**

Remarks: No data available

## 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

### 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:**



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Assessment:

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.

## 12.6 Other adverse effects

### **Product:**

Additional ecological information:

Remarks: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## **SECTION 13. Disposal considerations**

### 13.1 Waste treatment methods

Product:

In accordance with local and national regulations. Container hazardous when empty. Do not dispose of with domestic refuse. Do not mix waste streams during collection. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Contaminated packaging:

## **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

### 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



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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.