



Material Safety Data Sheet  
(in agreement to (CE) n° 1907/2006)

# RESIMET

REF: RM

## 1. PRODUCT AND MANUFACTURER DETAILS

Product Name: RESICEM  
Company: CEMENT DESIGN, S.L.  
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## 2. COMPOSITION AND INFORMATION

**Product Description:** Aqueous polymer dispersion for Metallic Collection.

**Hazardous ingredients according to Directive 67/548 EEC and classification:** None.

## 3. HAZARDS IDENTIFICATION

There is no special hazard under normal conditions of use.

If the product is not used properly, it can cause irritation to eyes, skin and respiratory tract.

## 4. FIRST AID MEASURES

**General indications:** To remove contaminated clothes.

**Skin:** To rinse skin immediately for 15 minutes with abundant water and soap.  
Get medical attention if irritation continues.

**Eyes:** Immediately flush eyes for at least 15 with warm water, keeping eyelids open. If discomfort (irritation) persists, get medical attention.

**Inhalation:** Move the affected person to fresh air. When respiratory assistance is needed, get medical attention immediately.

**Ingestion:** To rinse mouth immediately. If the victim is unconscious or have seizures, neither induce vomiting nor give liquids. Get medical attention immediately.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media:**  
The product is not flammable.

**Extinguishing media which must not be used for safety reasons.**  
No particular media.

**Specific hazards during firefighting:**  
Harmful gases/vapors may be released in case of fire.

Do not inhale the smoke.

**Special protective equipment for firefighters:**



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Use self-contained breathing equipment and suitable protective clothing during the cleanup.

## **6. INSTRUCTIONS IN CASE OF ACCIDENTAL RELEASE**

### **Personal precautions:**

Wear protecting clothing.

### **Environmental cautions:**

To prevent the product from getting into the drains.

### **Cleaning methods:**

Collect the product for re-use if possible, or for elimination.

The product should be absorbed as inert material and be transferred into suitable containers.

After collecting the product, to clean the area and materials with water.

To prevent water from getting into the sewage system, runoff, groundwaters or soil.

If the product went to an ongoing water or into a drainage system or it polluted the ground or vegetation, you would notify it to the competent authorities.

## **7. HANDLING AND STORAGE**

Ensure good ventilation at the workplace, in accordance with health and safety industrial regulations.

To , t an adequate suction system, if conditions at workplace need it

### **7.1.Handling Precautions:**

Normal precautions for handling chemical substances.

To avoid contact and inhalation of vapors.

To follow the principles of industrial hygiene. Do not eat or drink while working.

### **7.2. Storage conditions:**

To store the product in a cool and well ventilated area, away from heat and frost, in closed containers in

accordance with safety standards. To instruct the personnel following storage standards.

## **8.EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Breathing protection:**

In case that dust, vapor or sprays are produced, or limits, like TLV, are exceeded: to use a breathing equipment with proper filter (type AX), or to use an independent breathing equipment.

**Skin:** Wear gloves when handling the product.

**Eyes:** Use safety glasses or goggles.

### **General measures of protection and hygiene:**

To manipulate the product according to hygienic principles and industrial safety standards.

To prevent contact with eyes and skin.

To remove contaminated or soak clothes.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	White
Odor	Slight
Water solubility	Soluble
pH	9
Density approx.	1.80 g / cm <sup>3</sup>
Percent Volatiles (weight / weight)	80/85
Flammability	Not applied
Auto flammability	None
Explosive properties	None

Note: The above data are not constructed as a specification.

## 10. TECHNICAL DATA:

### **Bulk density:**

In dust: 1.300  
In paste: 1.950  
Hardened: 1.800

### **Average time:**

30 minutes

### **Mechanical resistance (EN 1015-11):**

7-day compression: 20N/mm<sup>2</sup>  
14-day compression: 22N/mm<sup>2</sup>  
21-day compression: 25N/mm<sup>2</sup>  
28-day bending: >12N/mm<sup>2</sup>

### **Adhesion to the concrete:**

28 days: 1N/mm<sup>2</sup>

### **Thickness of finished application:**

2 mm in each layer



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## **11. STABILITY AND REACTIVITY**

### **Conditions to avoid:**

If it is used according to specifications, there is no decomposition

### **Incompatibility with other materials:**

None

### **Chemical stability:**

Under normal conditions of use, the product does not decompose.  
Safety data sheet according to CE Regulation n° 1907/2006.

## **12. TOXICOLOGICAL INFORMATION**

### **12.1.Further information:**

The product should be handled with appropriate precautions for chemicals.  
No adverse health effects are known if used properly.

## **13. TRANSPORT INFORMATION**

The product is not affected by the international laws of transport of dangerous goods (IMDG, IATA, ADR / RID). NO dangerous goods according to transport regulations.

No need to take any special precautions other than those mentioned in paragraph.

## **14. CONSIDERATIONS RELATING TO WASTE**

For waste handling, follow the precautions listed in section 7 and 8.  
If possible recall, follow the current national and local regulations.

If possible, containers should be cleaned by appropriate methods and reused.  
Do not pump the product to aquifers, soil or sewage system.

## **15. REGULATORY INFORMATION**

Labeled according to ECC directive: It is not required labeling according to Directive of Dangerous Mixtures (1999/45/EC)

## **16. OTHER INFORMATION**

Please, refer to any other regulation applied nationally.  
DIRECTIVA 2001/59/CE (second modification of Directive 67/548/CEE)

### **Additional Information:**

\* CEMENT DESIGN reserves the right to update and modify the data about its technical specifications in accordance with current legislation. This information, prescriptions and use are based on Cement Design knowledge about its products, through a proper use and normal conditions. No responsibility can be accepted by the company due to an incorrect use of the product.

The user must check the suitability of the product in terms of the use it is going to have, the surface and the real conditions of the application site.

Review: -18/08/2014