



Manufactured by: HARPO spa – **Rialto** division 34123 Trieste - Italy  
Tech. Sheet N°: 85/P/RI  
Product name: **RIALTO ECO FONDO PER CARTONGESSO**  
Revision nr. 0 dated: 01.10.2008

**01. IDENTIFICATION OF THE PREPARATION AND THE COMPANY**

**1.1 Identification of the substance or preparation:**

**Product name:** Rialto Eco Fondo per cartongesso.

**1.2 Use of the substance/preparation:**

**Intended use:** Paint of anchorage with a high cover – power ideal to give a good adhesion of finish product (made up of organic binders) and to mask eventual small defects of the support.  
**Chemical name and synonym:** Product based on special vinyl - copolymers.

**1.3 Company Identification:**

**Name:** HARPO spa.  
**Full address:** Via Torino, 34  
34123 - Trieste, Italy,  
tel. +39 040 3186611, fax +39 0403186666  
**District and Country:**  
**E-mail address of the competent person responsible for the Safety Data Sheet:** rialto@rialto-colors.com (rif. Dr. Renzi – technical manager)  
**Product distribution by:** Harpo spa  
**1.4 Telephone number for urgent inquiries:** + 39 040 2397211 (timetable: 8.00 – 16.30)

**02. HAZARD IDENTIFICATION**

This preparation is not dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments (directive 2006/8/EC and regulation n. 1907.. This preparate contains substances with a limit of exposure on the workplace and so it requires a safety data sheet containing all the information required under directive 2006/8/EC and under the Regulation (EC) 1907/2006 and subsequent amendments.

**03. COMPOSITION/INFORMATION ON INGREDIENTS**

Contains:

Name	Concentration (C)	Classification
Calcium and magnesium carbonate Cas No 16389-88-1 CE No 240-440-2	28 – 33 %	-
Substance with a limit of exposure on the workplace Titanium dioxide Cas No 13463-67-7 CE No 236-675-5	5 – 10 %	-
Substance with a limit of exposure on the workplace Calcium carbonate Cas No 1317-65-3 CE No 207-439-9	20 – 25 %	-
Substance with um communitarian limit of exposure on the workplace		

The complete text of -R- phrases is specified in section 16.

**04. FIRST – AID MEASURES**

**EYES:** Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.  
**SKIN:** Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists seek medical attention. Wash contaminated clothing before using them.  
**INHALATION:** Remove to fresh air. If breathing is irregular seek medical advice.  
**INGESTION:** Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

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In cases of doubt or in case of persistent symptoms, seek medical advice.

#### 05. **FIRE – FIGHTING MEASURES**

Allow containers to cool in order to avoid product decomposition and generation of substances which might injure the health and be dangerous for safety reasons. Wear the fire equipment all the time.

#### 06. **ACCIDENTAL RELEASE MEASURES**

Collect the largest amount of the solid product with mechanical tools. Avoid the formation of dust spraying the product with moist cleansing agents or water.

#### 07. **HANDLING AND STORAGE**

Store in a well ventilated place keeping the containers closed when not used. Do not smoke while handling. Keep far away from sources of heat, naked flames and sparks and other sources of ignition; do not spray in the vicinity of flames or incandescent materials. For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet.

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

##### 8.1 Exposure limit values:

Name	Type	State	mg/m <sup>3</sup>	ppm	TWA/8h mg/m <sup>3</sup>	STEL/15min ppm
CALCIUM CARBONATE	TLV-ACGIH		10			
TITANIUM DIOXIDE	WEL	UK	4			
	TLV-ACGIH		10			
	OEL	IRL	4			
CALCIUM CARBONATE	TLV-ACGIH		10			

##### 8.2 Exposure controls:

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures, such as: masks suitable for the product, goggles, gloves and overall. Do not eat, drink or smoke while handling it. Accurately wash the hands with soap and water before meals and at the end of the work shift.

#### 09. **PHYSICAL AND CHEMICAL PROPERTIES**

Odour	Characteristic
Physical appearance	Creamy
Solubility	Partially miscible in water
Volatile substances % by volume (solvents):	N.D.
Viscosity:	7.500 ± 500 cps
Vapour density:	1
Evaporation speed:	< 1
Comburent properties:	N.A.
Partition coefficient: n-octanol/water:	N.A.

**MATERIAL SAFETY DATA SHEET** - according to european directive 2006/8/EC  
and Regulation n. 1907/2006



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pH: 7,20 ± 0,50  
Boiling point: > 150°C  
Flash point: N.D.  
Explosive properties: N.D.  
Vapour pressure: N.D.  
Specific gravity: 1,58 ± 0,05 Kg/l  
Solid content (by weight): 70,00 ± 2,00 %  
VOC (Directive 2004/42/EC): < 1 % - 18 g/l  
VOC (volatile carbon): < 1 % - 11 g/l

**10. STABILITY AND REACTIVITY**

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released. Propylene glycol: it is hygroscopic, stable at normal conditions; at high temperatures, it tends to oxidize yielding propionaldehyde as well as lactic and acetic acid. Calcium carbonate: avoid contact with acids.

**11. TOXICOLOGICAL INFORMATION**

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This preparate may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

CALCIUM CARBONATE: oral LD50 (mg/kg) 6450 (RAT)  
TITANIUM DIOXIDE: oral LD50 (mg/kg) > 10000 (RAT)

**12. ECOLOGICAL INFORMATION**

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

MIT E CIT mixture (3:1)

EC50 (48h): 0,12 mg/l DAPHNIA MAGNA  
LC50 (96h): 0,22 mg/l Oncorhynchus mykiss

**13. DISPOSAL CONSIDERATIONS**

Consider the possibility of burning the product in a suitable incenerator. Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill.

**14. TRANSPORT INFORMATIONS**

This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

**15. REGULATORY INFORMATION**

Warning symbols: None  
Hazard sentences (R): None  
Caution recommendations (S): None

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments (directive 2006/8/EC, regulation n. 1907/EC).

**DIRECTIVE 2004/42/EC**

**Primer (WB)**

EU limit value (A/g): 75 g/l (2007); 30 g/l (2010)

This product contains at maximum: **18 g/l** of VOC

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**16. FURTHER INFORMATIONS**

None.

**GENERAL BIBLIOGRAPHY**

1. Regulation 2006/8/CE
2. Regulation 1999/45/CE and following amendments (technical adjustment XXX);
3. Regulation 67/548/CEE and following amendments and adjustments (technical adjustment XXVIII);
4. Regulation 91/155/CEE and following amendments;
5. Regulation (EC) 1907/2006 and subsequent amendments.
6. The Merck Index. - 10th Edition;
7. Handling Chemical Safety;
8. Niosh - Registry of Toxic Effects of Chemical Substances;
9. INRS - Fiche Toxicologique (toxicological sheet);
10. Patty - Industrial Hygiene and Toxicology;
11. N.I. Sax-Dangerous properties of Industrial Materials-7, 1989 Edition;

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.