

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



Manufactured by: HARPO spa – **Rialto** division 34123 Trieste - Italy
Tech. Sheet N°: 72/P/RI
Product name: **RIALTO COLORTEX**
Revision nr. 5 dated: 01.10.2008

01. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

1.1 Identification of the substance or preparation:

Product name: Rialto Colortex.

1.2 Use of the substance/preparation:

Intended use: Rialto Colortex is a perfect anti – mould solution to give a special decorative effects to walls.

Chemical name and synonym: Interior acrylic wall paint based on copolymer resin.

1.3 Company Identification:

Name: HARPO spa.

Full address: Via Torino, 34

District and Country: 34123 - Trieste, Italy,
tel. +39 040 3186611, fax +39 0403186666

E-mail address of the competent person responsible for the Safety Data Sheet: rialto@rialto-colors.com (rif. Dr. Renni – 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 preparate is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments (Directive 2006/8/CE). Nevertheless, this preparate contains substances with a community workplace exposure limit that must be declared in section No. 3 and requires a safety data sheet containing all the information required 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 Substance with a community workplace exposure limit	19 - 21 %	-
Calcium carbonate Cas No 471-34-1 CE No 207-439-9 Substance with a community workplace exposure limit	19 - 21 %	-
Titanium dioxide Cas No 13463-67-7 CE No 236-675-5 Substance with a community workplace exposure limit	4 - 5 %	-
Propylene glycol Cas No 57-55-6 CE No 200-338-0 Substance with a community workplace exposure limit	1,0 1,5 %	-

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 all cases of doubt or if symptoms persist, resorting to medical care.
Never give anything by mouth, if the person is unconscious.

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

Extinguish the sources of ignition or heat; cover the spillage with inert absorbent material. Collect as far as possible the resulting mass and discard the remainder by spraying water, if not contraindicated. 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.

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 ³	ppm	TWA/8h mg/m ³	STEL/15min ppm
CALCIUM CARBONATE CALCIUM AND MAGNESIUM CARBONATE	TLV-ACGIH TLV-ACGIH OEL		10 10 4			
TITANIUM DIOXIDE	WEL TLV-ACGIH OEL	UK IRL	4 10 4			
1,2-PROPANEDIOL	RV OEL WEL	LT IRL UK	7 10 1		150	

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 Slight
Physical appearance Creamy

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Solubility in solvents	Partially miscible
Solubility in water	Miscible
Volatile substances % by volume (solvents)	0,5%
Viscosity	11.000 ± 1.000 mPas
Vapour density	1
Evaporation speed	< 1
Comburent properties	N.A.
Partition coefficient: n-octanol/water	N.A.
pH	8,00 ± 0,20
Boiling point	> 150°C
Flash point	N.A.
Explosive properties	N.A.
Vapour pressure	N.A.
Specific gravity	1,45 ± 0,05 Kg/l (depending on type of base)
VOC (Directive 2004/42/EC):	< 2 % - 23,5 g/litre of preparation
VOC (volatile carbon):	< 2 % - 5 g/litre of preparation

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.

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)

1,2-PROPANEDIOL: oral LD50 (mg/kg) 20800 (RAT) ; dermal LD50 (mg/kg) 20800 (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.

13. DISPOSAL CONSIDERATIONS

Consider the possibility of burning the product in a suitable incinerator. 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

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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 and regulation n. 1907/EC).

DIRECTIVE 2004/42/EC

Paints for interior matt walls and ceilings (WB) (gloss $\leq 25@60^\circ$)

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

This product contains at maximum: **25 g/l** of VOC

16. FURTHER INFORMATIONS

None.

GENERAL BIBLIOGRAPHY

1. Regulation 2006/8/CE
2. Regulation 1999/45/CE and following amendments (technical adjustment XXIX);
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.

Changes to previous review
The following sections were modified:
01/ 02 / 03 / 04 / 08 / 11 / 12 / 15 / 16