



Manufactured by: HARPO spa – **Rialto** division 34123 Trieste - Italy
Tech. Sheet N°: 47B/F/RI
Product name: **RIALTO ERALIT SILOSSANICO**
Revision nr. 6 dated: 01.10.2008

01. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

1.1 Identification of the substance or preparation:

Product name: Rialto Eralit silossanico.

1.2 Use of the substance/preparation:

Intended use: Siloxane trowelled coating for interiors and exteriors.

Chemical name and synonym: Siloxane resin, selected marble and silica chippings, pigments resistant to UV rays.

1.3 Company Identification:

Name: HARPO spa.

Full address: Via Torino, 34

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. 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

Substance/Preparation Classification.

This preparation is dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments (XXX ATP). This compound requires a safety data sheet according to the regulation 1907/2006 and the directive 2006/8/EC and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbol: -

Phrases R: 52/53

Danger identification.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

03. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Concentration (C)	Classification
Calcium carbonate N°Cas 471-34-1 N°CE 207-439-9 Substance with a community workplace exposure limit	60 – 70 %	-
Titanium dioxide N°Cas 13463-67-7 N°CE 236-675-5 Substance with a community workplace exposure limit	0 – 5 %	-
Terbutryn Cas No 886-50-0 CE No 212-950-5	0,0018 - 0,0020 %	N, R50/53
Zinc pyrithione Cas No 13463-41-7 CE No 236-671-3	0,0015 - 0,0025 %	T, R22, R23 Xi R38, 41 N R50
Zinc oxide Cas No 1314-13-2 CE No 215-222-5	0,0093 - 0,0095 %	N R50



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Solubility in solvents	Partially miscible
Solubility in water	Miscible
Volatile substances % by volume (solvents)	1%
Hazardous reactions	N/A
Viscosity	18.000 ± 500 mPas
Vapour density	1
Evaporation speed	< 1
Comburent properties	N.D.
Partition coefficient: n-octanol/water	N.D.
pH	7,80 ± 0,20
Boiling point	> 150 °C
Flash point	N.A.
Explosive properties	N.A.
Vapour pressure	N.A.
Specific gravity	1,650 ± 0,20 Kg/l
Solid content (by weight)	80,00 ± 2,00 %
VOC (Directive 2004/42/EC):	< 2 % - 25 g/l
VOC (volatile carbon):	< 2 % - 10 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 compound may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

TITANIUM DIOXIDE: ORAL LD50 8KM/KG) > 10.000 (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): R52/53 – Harmful to aquatic organisms, may cause long-term adverse effect in the aquatic environment.

Caution recommendations (S): None



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This product is not subject to hazard labelling 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

Paint for exterior walls of mineral substrate (WB)

EU limit value for this product (**A/c**): 75 g/l (2007); 40 g/l (2010)

This product contains at maximum: **38 g/l** of VOC

16. FURTHER INFORMATIONS

Text of -R- phrases quoted in section 3 of the sheet.

R22	HARMFUL IF SWALLOWED.
R23	TOXIC BY INHALATION.
R23/24	TOXIC BY INHALATION AND BY SKIN CONTACT.
R34	CAUSES BURNS.
R38	IRRITATING TO SKIN.
R41	RISK OF SERIOUS DAMAGE TO EYES.
R43	MAY CAUSE SENSITIZATION BY SKIN CONTACT
R50	VERY TOXIC TO AQUATIC ORGANISMS.
R50/53	VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECT IN THE AQUATIC ENVIRONMENT.

GENERAL BIBLIOGRAPHY

1. Regulation (EC) N. 1907/2006
2. Regulation 2006/8/CE
3. Regulation 1999/45/CE and following adjustments (technical adjustment XXX);
4. Regulation 67/548/CEE and following amendments and adjustments;
5. Regulation 91/155/CEE and following 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 / 09 / 11 / 15 / 16