

Manufactured by: Harpo spa rialto division
Product n°.: 79/S/RI
Product name: rialto solution
Revision: 06.07.2017 revision nr. 6

**Siloxane glazed stucco for interiors and exteriors****01. IDENTIFICATION OF THE PREPARATION AND THE COMPANY****1.1 Identification of the substance or preparation:****Product name:** rialto solution.**1.2 Use of the substance/preparation:****Intended use:** Siloxane glazed stucco for interiors and exteriors - Professional use.**Chemical name and synonym:** It is made from selected aggregates, natural earth, and oxides resistant to UV rays, and comprises alkali-resistant modified siloxane resin binder.**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. Dott. Maurizio Crasso – division manager)**Product distribution by:** Harpo spa**1.4 Telephone number for urgent inquiries:** + 39 040 3186611 (timetable: 8.00 – 16.30)**02. HAZARD IDENTIFICATION****2.1 Substance/Preparation Classification.**

This preparation is no dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments (Directive 2006/8/CE and regulation 1907/EC). This prepareate requires a safety data sheet according to the regulation 1907/EC and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Identification:**2.2 Label element.****Regulation 1272/EC (CLP):**

HAZARD CLASS AND CATEGORY CODES : -

Pictograms and signal words: -

HAZARD STATEMENT CODES: -

EUH210: safety data sheet available on request.

2.3 Other information.

No additional risks have been identified.

The substance is not among those identified as a PBT or vPvB.

03. COMPOSITION/INFORMATION ON INGREDIENTS

Contains:

Identificazione.	Conc. %.	Classification 1272/2008 (CLP).
Calcium carbonate Cas. N. 1317-65-3	62-66%	-

Substance with a community workplace exposure limit

Reach registration number: exempted – annex V

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

04. FIRST – AID MEASURES**4.1 First Aid measures – description:****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.

4.2 The most important – acute and delayed – symptoms and effect: -

4.3 The required immediate medical attention and special treatment: In all cases of doubt or if symptoms persist, resorting to medical care. In case of contact with eyes or prolonged contact call a poison center.

05. FIRE – FIGHTING MEASURES

Limit leakages with earth or inert material. Remove most of the product and then rinse the involved

5.1 Suitable extinguishing media:

Powder, carbon dioxide, foam, water spray.

Unsuitable extinguishing media: do not use water.

5.2 The substances or mixture from special hazard: -

5.3 Advice for fire: wear the fire equipment all the time. Avoid dust.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

The occupants must be removed and there should be well ventilated area. Adequate ventilation should be provided. Avoid contact with eyes and skin. Wear protective clothing.

6.2 Environmental precautions:

Stop the material spillage if safe to do so.

6.3 The containment and cleaning methods and material:

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.

6.4 Reference to other sections:

Refer to section 8 and section 13.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

7.1 Conditions for safe storage including any incompatibilities:

The container is properly labeled original packaging.

7.2 Specific end (end uses):

See section 1.2.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values:

Calcium carbonate

- TLV TWA	10	mg/m ³	ACGIH
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- The data refer to the substances and not to the mixture.

8.2 Exposure controls:

No dangerous material. Safety devices are not required; however, their use is always recommended. The use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

HAND PROTECTION

Not required.

SKIN PROTECTION

Not required.

EYE PROTECTION

Not required.

RESPIRATORY PROTECTION

Not required.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 The basic physical and chemical properties relevant information:

Odour	Slight
Physical appearance	Stucco
Solubility in solvents	Partially miscible
Solubility in water	Miscible
Volatile substances % by volume (solvents)	1%
Hazardous reactions	N/A
Viscosity	35.000 ± 3.000 mPas
Vapour density	1
Evaporation speed	< 1
Comburent properties	N.A.
Partition coefficient: n-octanol/water	N.A.
pH	8,00 ± 0,50
Boiling point	> 150 ° C
Flash point	N.A.
Explosive properties	N.A.
Vapour pressure	N.A.
Specific gravity	1,600 ± 0,05 Kg/l
Solid content (by weight)	70,00 ± 1,00 %

9.2 Other information

VOC (Directive 2004/42/CE):	< 2 % - 20,00 g/litre of preparation
VOC (volatile carbon) :	< 1 % - 5,00 g/litre of preparation

10. STABILITY AND REACTIVITY

10.1 Reactivity:

In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

10.2 Chemical stability:

The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions:

Decomposition product: carbon dioxide, carbon monoxide and various toxic products.

10.4 Avoid - conditions: -

11. TOXICOLOGICAL INFORMATION

11.1 Toxicological information:

The product itself is not toxicologica studies have been conducted.

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.

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.

12.1 Toxicity: -

13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

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.

14.1. UN number.

Not applicable.

14.2. UN proper shipping name.

Not applicable.

14.3. Transport hazard class(es).

Not applicable.

14.4. Packing group.

Not applicable.

14.5. Environmental hazards.

Not applicable.

14.6. Special precautions for user.

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code.

Information not relevant.

15. REGULATORY INFORMATION**15.1 For the substance or mixture of safety, health and environmental regulations/laws:**

Seveso – category: -

Restriction: -

Authorization – Annex XIV Reach: -

Substances in candidate list: -

Substances in Annex XVII: -

Workers exposed to this chemical agent must undergo health checks according to regulation 98/24/CE.

15.2 Safety chemical evaluation: -**DIRECTIVE 2004/42/EC****Paints for interior glossy walls and ceilings (WB) (gloss > 25@60°)**

EU limit value (A/b): 100 g/l

This product contains at maximum: **20 g/l** of VOC**16. FURTHER INFORMATIONS**

Text of -H- phrases quoted in section 3 of the sheet: -

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. Regulation (EC) 1272/2008 (CLP)
7. Regulation (EC) 790/2009 (I Atp. CLP)
8. Regulation (EC) 453/2010
9. The Merck Index. Ed. 10
10. Handling Chemical Safety
11. Niosh - Registry of Toxic Effects of Chemical Substances
12. INRS - Fiche Toxicologique
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989

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:
01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16

