

Manufactured by: Harpo spa rialto division
 Product n°.: 4/S/RI
 Product name: **rialto stucco oro, argento, bronzo, ottone**
 Revision: 06.07.2017 rev. 4



Stucco finish with a metallic spatula effect for interiors

01. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

1.1 Identification of the substance or preparation:

Product name: rialto stucco oro, argento, bronzo, ottone

1.2 Use of the substance/preparation:

Intended use: Rialto Stucco oro, argento, bronzo, ottone are recommended to finish walls with a cloudy metallic spatula effects. Professional use

only –construction area.

Chemical name and synonym: Decorative stuccos based on aliphatic solvents.

1.3 Company Identification:

Name: HARPO spa – divisione Rialto

Full address: Via Torino, 34
 34123 Trieste (TS), Italy

District and Country: Tel. + 39 040 3186611
 Fax. + 39 040 3186666

E-mail address of the competent person responsible for the Safety Data Sheet: rialto@rialto-colors.com (rif. Dott. Maurizio Crasso – technical manager)

1.4 Telephone number for urgent inquiries: +39 040 3186611

02. HAZARD IDENTIFICATION

2.1 Substance/Preparation Classification.

This preparation is dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments (Directive 2006/8/CE and regulation 1907/EC) – regulation n. 453. 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.

2.2 Label element.

Regulation 1272/EC (CLP):



Warnings

Flam. Liq. 3, H226: flammable liquid and vapor.

P102 keep out of reach of children.

P103: read label before use.

P210 Keep away from heat/sparks/open flames/hot surfaces. – no smoking.

P233 keep container tightly closed.

P240: Ground/bond container and receiving equipment

P501 Dispose of content/container to an authorized center.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P370+P378: In case of fire: Use foam to extinguish.

P403+P235: Store in a well ventilated place. Keep cool.

EUH208: contains: mixture of fragrances (containing terpenes). May cause an allergic reaction.

Contains: naphtha

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

3.1. Substances.

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3.2. Mixtures.

Contains:

Identification	EC N°	CAS N°	Reach N°	Conc.	Classification
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				%.	1272/2008 (CLP)
NAPHTA (PETROL), HYDROTREATED HEAVY	265-150-3	64742-48-9	01- 211946325 8-33-xxxx	25-50	EUH066, Flam. Liq. 3 H226 Asp. Tox 1 H304 – Note H, P Carc. 1B H350, Muta. 1 B H340

The complete text of - H - 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.

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

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Water jet.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

06. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

See section n. 8 and 13.

07. HANDLING AND STORAGE

7.1. Precautions for safe handling.

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised.

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the

product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities.

Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition.

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s).

Information not available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limits values:

NAPH NAPHTA (PETROL), HYDROTREATED

HEAVY

- TLV TWA	1200	mg/m ³	ACGIH
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* The data refer to the substances and not to the mixture.

8.2 Exposure controls:

As 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

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

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

Odor	Light of solvent
Physical appearance	Viscous
Solubility in solvents	Soluble
Solubility in water	Insoluble
Volatile substances % by volume (solvents)	35,00%
Hazardous reactions	Unknown in normal use conditions
Viscosity	At 20 °C > 250" FC 4 mm (DIN 53211)
Vapor density	> 1
Evaporation speed	< 1
Comburent properties	N/A

Partition coefficient: n-octanol / water	N.A.
pH	N.A.
Boiling point	> 140°C
Flash point	40°C
Explosive properties	N.A.
Vapor pressure	N.A.
Specific gravity	At 20 °C 1,027 ± 0,003 Kg/l

10. STABILITY AND REACTIVITY

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

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

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials.

Information not available.

10.6. Hazardous decomposition products.

Information not available.

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 product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

11.1. Information on toxicological effects.

Information not available.

INHALATION: irritating to eyes, skin and respiratory system.

SKIN: repeated exposure may cause skin dryness or cracking.

INGESTION: the introduction of even small quantities of this liquid into the respiratory system during ingestion or vomit may cause bronchopneumonia and pulmonary edema.

12. ECOLOGICAL INFORMATION

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

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

Information not available.

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Avoid littering. Do not contaminate soil, sewers and waterways.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. TRANSPORT INFORMATIONS

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations.

These goods must be packed in their original packing or in packing made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

Road and rail transport:

ADR: 3,III UN: 1263
 Label: 3
 Nr. Kemler: 30
 Proper Shipping Name: Paint or paint related material.
 Special provision: 640E



Carriage by sea (shipping):

IMO class: 3 UN:1263,
 Packing Group: III
 Proper Shipping Name: Paint or paint related material.



Transport by air:

IATA: 3 UN: 1263
 Packing Group: III
 Special provision: A3, A72
 Label: 3
 Cargo:
 Packaging instructions: 366 Maximum quantity: 220 L
 Pass.:
 Packaging instructions: 355 Maximum quantity: 60 L
 Limited quantity:
 Packaging instructions: Y344 Maximum quantity: 10 L



15. REGULATORY INFORMATION

15.1 For the substance or mixture of safety, health and environmental regulations/laws:

Seveso – category: 6

Restriction – annex XVII: point. 3-40

Authorization – Annex XIV Reach: none-

Substances in candidate list:: none

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

15.2 Safety chemical evaluation: -

16. FURTHER INFORMATIONS

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

Flam. Liq. 3, H226: flammable liquid and vapor.

EUH066: repeated exposure may cause skin dryness or cracking.

Asp. Tox 1 H304: may be fatal if swallowed and enters airways.

Carc. 1B H350: may cause cancer

Muta. 1B H340: may cause genetic defects

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road

- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent Bioaccumulative and Toxic as Reach Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

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:
01/02/08/

