

Security Data File EC

Security Data following the Directive 91/155/EC

Trade Mark: **“R-511” MARBLE POLISH**

Version: 1 Date: 1-3-2011 Page: 1 (7)

1. Identification of the product and of the Company

Product Identification:

Commercial Name:

“R-511” MARBLE POLISH

Company Identification:

GULFAX GROUP

Office No. 2005, 20th Floor – Al Manara Building, Business Bay

Dubai, United Arab Emirates

P.O.BOX 7770

Dubai, United Arab Emirates

Office: +971 4 2427979

Office Fax: +971 4 2427977

Emergency Telephones:

+971 4 2427979

Product characteristics:

Crystallizer specially formulated for the vitrification of the surfaces that contain calcium carbonate, such as marble, terrazzo, hydraulic pavement, etc. Its exclusive formula allows a quick application, providing the surface with the waterproofing needed to keep a long lasting shine.

Mode of use:

Pour or squirt a small quantity of “R-511” on 3 or 4 m² (10 to 15 sq feet), and with a rotary machine provided with steel wool, spread uniformly from left to right and from top to bottom, until it dries. Repeat this process at least twice.

Security Data File EC

Security Data following the Directive 91/155/EC

Trade Mark: "R-511" MARBLE POLISH

Version: 1 Date: 1-3-2011 Page: 2 (7)

2. Dangers identification.

Toxic if ingested.

May cause irritation to skin, eyes and respiratory tract, especially in prolonged exposure.

3. Composition / Components

information. Chemical characteristics:

Mixture of silica salts, wax, tensoactives and perfume.

Dangerous ingredients:

Magnesium Hexafluorosilicate

Concentration: 20,0000-30,0000%

N° CAS: 16949-65-8

n° EINECS: 241-022-2

4. First Aids.

In case of swallowing:

Precautions: The swallowing of small quantities can cause sudden and grave hypocalcaemia. In case of intoxication or accident go to a Hospital.

In case of contact with skin:

Take off the wet clothes and wash the area with water and soap.

In case of contact with eyes:

Wash with water during about 15 minutes with the eyes open. Contact an optician if necessary.

Security Data File EC

Security Data following the Directive 91/155/EC

Trade Mark: **“R-511” MARBLE POLISH**

Version: 1 **Date:** 1-3-2011 **Page:** 3 (7)

5. Fire Prevention.

Extinction measures:

Atomized water, foam, carbon dioxide, extinguisher powder.

Specific risks produced by the long exposure to this substance, its combustion products and gases:

CO and SO₂, carbon monoxide and sulphur dioxide.

6. In case of accidental spread.

Protective rules of the environment:

Avoid spreading it in the drains or in a water flow.

Cleaning measures:

Pick up the spill with an absorbent material (sawdust, sand ...) and wash the rests with abundant water.

7. Handling and Storage.

Handling:

Handle in a well ventilated place and at the ambient temperature.

Storage:

Store in the original containers, keep perfectly well close and away from heat focus.

Security Data File EC

Security Data following the Directive 91/155/EC
Trade Mark: “R-511” MARBLE POLISH

Version:

1 Date: 1-3-2011

Page: 4 (7)

8. Exposure limits and personal protective

measures. General protection rules:

Keep away from eyes and skin.

Hands protection: Impermeable gloves.

Eyes Protection: Protection glasses.

9. Physical and Chemical Characteristics.

Aspect:

Shape: Liquid.

Colour: Pink

Smell: Slightly like citric.

Density: 1,150 aprox. At 20° C

Solubility: Soluble in water. **pH**

Valour: 2,5 aprox. at 20° C

Flammability: Any

10. Stability and reactivity.

Stability: It should not be mixed with other chemical products.

Dangerous reactions: Any in normal conditions of work and storage.

11. Toxicological Information.

11.1 Inhalation

Caustic action and possible fluoride poisoning.

Security Data File EC

Security Data following the Directive 91/155/EC

Trade Mark: “R-511” MARBLE POLISH

Version: 1 Date: 1-3-2011 Page: 5 (7)

11.2 Ingestion

May cause gastrointestinal irritation and subsequent fluoride poisoning can be fatal.

Oral – (Guinea Pig) LD₅₀ 200 mg/Kg.

11.3 Contact with skin

Possible irritation, prolonged or repeated contact can cause ulcers. No experimental data records found.

11.4 Contact with eyes

Possible irritation that produces no permanent damage in case of immediate treatment.

No experimental data records found.

11.5 Sensitiveness

Sensitiveness to the existence of fluoride ion is unlikely.

11.6 Carcinogenicity

No evidence of an association between cancer and exposure to inorganic fluorides exists. (IARC)

11.7 Mutagenicity

It is not considered mutagenic.

11.8 Toxic to reproduction

It is not toxic to reproduction.

11.9 Narcosis

It is not narcotic.

11.10 Chronic effects

It does not produce chronic effects.

Security Data File EC

Security Data following the Directive 91/155/EC

Trade Mark: “R-511” MARBLE POLISH

Version: 1 Date: 1-3-2011 Page: 6 (7)

12. Ecological Information.

Contains fluorosilicate of magnesium, which is toxic to the environment.

Do not throw any rest of the product to the drains, the land or the plants.

Do not let the product go into a superficial water flow, residual waters or into the ground.

Toxic effect on fish, plankton, plants and foliage. Persistent in the ground, the ground will keep the fluorides if the pH is >6,5. A high calcium concentration will also immobilize the fluorides.

13. Elimination of residues.

Dilute with abundant water and pour it gradually.

Small quantities of this product diluted in water are considered biodegradable for a biologic system of purifier platforms.

14. Transport information.

Number of Risk identification: 60

N° ONU: 3287 INORGANIC TOXIC LIQUID, n.e.p. (contains fluorosilicate of magnesium).

Transport label: 6.1, GE III, Limited Quantity

TPC/TPF Class 6.1 - 66 c

ADR/AID Class 6.1 - 64 c

IMDG/ICAO/IATA Class 6.1

15. Regulations.

Signs according to the E.E.C. directives



R-25 Toxic if swallowed.

S (1-2) Keep locked up and out of the reach of children.

S-24 Avoid contact with skin.

S-25 Avoid contact with eyes.

TOXIC S-45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

PRODUCT FOR INDUSTRIAL USE. CONTAINS MgSiF₆ 6H₂O

Security Data File EC

Security Data following the Directive 91/155/EC

Trade Mark: “R-511” MARBLE POLISH

Version: 1 Date: 1-3-2011 Page: 7 (7)

16. Other information.

This information is based on the knowledge we have now. Its objective is to describe our products from a point of view of the security. This is not a guarantee of the particular properties of the products.

WARNING: This information is reliable as far as we know. We do not assume any responsibility due to legal mistakes, misunderstandings or facts. Any information here related should be checked before using the product in a particular case. GULFAX GROUP does not assume any responsibility due to damages caused by the confidence in this data.
