



Material Safety Data Sheet

according to the requirements from EEC policy 91/155/EEC

1. PRODUCT AND MANUFACTURER IDENTIFICATION

1.1 Identification of the product

DYEING PASTE FOR MINERAL AND SYNTHETIC COLOURING SYSTEMS


1.2 Product brand name

ARTECOLOR SMERALDO N. 15

1.3 Identification of the company

Manufacturer: SAFRA SPA
Address: Via I° Maggio, 6 - 37069 VILLAFRANCA (VR)
Phone: 045/7900511
Emergency phone nr: 045/6330215

2. PRODUCT COMPOSITION/INGREDIENTS

Name of dangerous substance	Concentration	Symbol danger	Phrases R:
Calciumcarbonate -Magnesium containing 1,2-propandyol.	*		R36/38: Irritant for eyes and skin.

The product is composed of dyeing pastes with a very high pigment concentration, dispersed in glycols and water solution and free of binders.

* identity and/or rate are reserved data (Par. 1, art. 7 directive 88/379/CEE).

3. HAZARD IDENTIFICATION

3.1 Health and environmental hazards

Irritant for eyes and skin.

4. FIRST AID MEASURES:

4.1 Inhalation

None

4.2 Skin contact

Irritant by prolonged contact.

4.3 Eye contact

Rinse eyes copiously with clean water for 15 minutes and if necessary seek medical advice.

4.4 Ingestion

DO NOT INDUCE VOMITING IN ANY CIRCUMSTANCE, if necessary, seek medical advice.

5. FIRE FIGHTING PROCEDURES

5.1 Suitable extinguishing means

All extinguishing media are permitted.

5.2 Not suitable for safety reasons extinguishing means

No limits

5.3 Exposure hazards due to the product itself, to combustion products, to gas

None

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Wear protective gloves and clothes by removal

6.2 Environmental precautions

Restrain losses with earth or sand. Keep the product away from natural water streams or drains.

6.3 Cleaning up methods

By contact with absorbing earth, remove the contaminated coat. By contact with water-repellent surface, absorb the liquid product with vermiculite, dry sand, earth and dispose suitably.

6.4 Other suggestions

If the leakage is due to a damaged bucket, put the rest in a suitable bucket and dispose in accordance to local regulations.

7. HANDLING AND STORAGE

7.1 Handling

Handling with care. Keep away from children.

7.2 Storage

Storage in original tightly closed cans in a dry, airy place. Keep from frost.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Respiratory protection

None

8.2 Hands protection

Protective gloves

8.3 Eyes protection

Safety goggles when splashes occur.

8.4 Skin protection

Protective clothes

8.5 Specific hygienic measures

Keep away from foodstuff or consumption and avoid contact with surfaces on which foodstuff can be placed. Wash hands after use.

9. PHYSICO-CHEMICAL DATA

Aspect:	Emerald green viscous paste
Ph:	Basic (between 7 and 8)
Inflammability (solids, gas):	Not inflammable
Explosive properties:	Not explosive
Vapor pressure:	No data
Specific weight:	1,42 gr/cm ³
Solubility water solubility:	Good solubility in water
Liposolubility (fat solvent to precise):	Good solubility in aromatic solvents
Coefficient of distribution:	No data

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid

None

10.2 Material to avoid

Acids

10.3 Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritability:

Skin: by prolonged exposure can be irritant

Eyes: irritant

Sensitization: no sensitization effects known

12. ECOLOGICAL INFORMATION

Use accordingly to good working practices, avoiding to waste the product and packaging in the environment.

13. DISPOSAL CONSIDERATIONS

Product and packaging must be done in original packaging and in good closed cans in order to avoid flowings, and made of materials unassailable from contents and not able to build harmful or dangerous compound.

14. TRANSPORT INFORMATION

Transport must be done in original packaging and in good closed cans in order to avoid flowings and made of materials unassailable from contents and not able to build harmful or dangerous compound.

By road RID/ADR 2001 any specific prescription

By rail CT/FS any specific prescription

By sea IMDG any specific prescription

By air ICAO/IATA any specific prescription

15. REGULATORY INFORMATION

15.1 Ministerial Decree of 28 January 1992

EU Labelling (according to standard method).

Symbol: Xi irritant

Phrases R : R 36/38 irritant for the eyes and the skin.

Phrases S : S 2 keep away from children;

S 24/25 avoid eyes and skin contact.

15.2 Other norms

The use of product must be in accordance with the norms contained in the D. P. R. of 27 April 1955, n. 547 "Norms for the prevention of accidents at work" and in D.P.R. of 19 March 1956, n. 303 "General norms for the hygiene at work", Law 319/76 "Drain water".

16. OTHER INFORMATION

16.1 Further information (written reports and/or technical contact centres)

See technical information

Information given in this document is based on our best present knowledge and accurate according to the safety standards and to the proper use of the product.
Manufacturer assumes no responsibility for any improper behaviour or action made by buyers, for improper uses of the product or in case of not authorized sales made by shopkeepers without giving enough information to end-users. This information does not give any guarantee about technical characteristics of the product and cannot be the reason for a contractual juridical relation.

This edition cancels and replaces the previous ones.