



Safra Colors SPA

82CAF - COCCIO ARGENTO-ORO-BRONZO

Revision nr.3
Dated 24/06/2009
Printed on 13/04/2010
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EU

Safety Data Sheet

1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

Code: **82CAF**
Product name: **COCCIO ARGENTO-ORO-BRONZO**

1.2 Use of the substance / preparation

1.3 Company identification

Name: **Safra Colors SPA**
Full address: **Via Portogallo 10**
District and Country: **37069 Villafranca di Verona (VR) Italy**
Tel.: **+39 0457900511**
Fax: **+39 0456300800**
e-mail address of the competent person responsible for the Safety Data Sheet: **domenico.addeo@regent-group.net**

1.4 Emergency telephone

For urgent inquiries refer to: **+39 0457900511**

2. Hazards Identification.

2.1 Substance/Preparation Classification.

This product is dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments. Therefore, this product requires a safety data sheet according to the Regulation (EC) 1907/2006 and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbols: **Xi**

R phrases: **41**

2.2 Danger Identification.

RISK OF SERIOUS DAMAGE TO EYES.

3. Composition / Information on ingredients.

Contains:

Name.	Concentration % (C).	Classification.
Idrossido di calce in acqua	13,5<= C <15	Xi R 41

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

4. 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 again.

INHALATION: Remove to open 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.



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5. Fire-fighting measures.

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.

SUITABLE EXTINGUISHING MEDIA

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

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of foam.

6. Accidental release measures.

PERSONAL PRECAUTIONS

If there are no contraindications, spray powder with water to prevent the formation of dust. Use breathing equipment if powders are released into the air.

ENVIRONMENTAL PRECAUTIONS

The product must not penetrate the sewer system, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Use mechanical tools to collect leaked product and eliminate the remainder using jets of water. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

7. Handling and storage.

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.

8. Exposure control / personal protection.

8.1 Exposure limit values.

8.2 Exposure controls.

As the use of adequate technical equipment must always take priority over personal protection equipment, make sure that the workplace is well aired through effective local aspiration or bad air vent. If such operations do not make it possible to keep the concentration of the product below the permitted workplace exposure thresholds a suitable respiratory tract protection must be used. See product label for hazard details during use. Ask your chemical substance suppliers for advice when choosing personal protection equipment. Personal protection equipment must comply with the rules in force indicated below.

RESPIRATORY PROTECTION.

If workplace maximum concentration thresholds are exceeded, wear a facemask covering the nose and mouth (see standard EN 141). For high concentrations in the workplace or in the case of an emergency, when exposure levels are unknown, wear an open circuit compressed air self-respirator (see standard EN 137) or an external air intake respirator with mask, partial mask or snorkel (see standard EN 138).

HAND PROTECTION.

Protect hands using work gloves (see standard EN 374). We recommend applying protective hand cream. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves' limit depends on the duration of exposure.

EYE PROTECTION.

Wear sealed protective goggles with side shields (see standard EN 166).

SKIN PROTECTION.

Wear overalls with long sleeves and professional safety footwear (see standard EN 344). Wash with soap and water after removing protective clothing. Wash clothing before reuse.

9. Physical and chemical properties.

Colour	white
Appearance	pasty
Solubility	soluble in water
Viscosity	Not available.
Vapour density	Not available.



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EI

Evaporation Rate	Not available.	
Reactive Properties	Not available.	
Partition coefficient: n-octanol/water	Not available.	
pH.	10-12	
Boiling point.	Not available.	
Flash point.	Not available.	
Explosive properties.	Not available.	
Vapour pressure.	Not available.	
Specific gravity.	1,690 Kg/l	
VOC (Directive 2004/42/EC) :	1,12 % - 18,99	g/litre of preparation.
VOC (volatile carbon) :	0,54 % - 9,04	g/litre of preparation.

10. Stability and reactivity.

Thermal decomposition and combustion release carbon monoxides and other toxic gases and vapours. The product may react exothermically on contact with strong oxidizing agents or reducers, strong acids or bases.

11. Toxicological information.

This product may cause serious ocular lesions, cornea opacity, iris lesions, irreversible eye coloration.

TITANIUM DIOXIDE: oral LD50 (mg/kg) > 10000 (RAT).

CALCIUM CARBONATE: oral LD50 (mg/kg) 6450 (RAT).

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.

13. Disposal consideration.

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.

CONTAMINATED PACKAGING

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

14. Transport information.

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.

Xi



IRRITANT

- | | |
|-------------|--|
| R 41 | RISK OF SERIOUS DAMAGE TO EYES. |
| S 23 | DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER). |
| S 25 | AVOID CONTACT WITH EYES. |
| S 26 | IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. |
| S 39 | WEAR EYE/FACE PROTECTION. |

Danger labelling under directives 67/548/EEC and 1999/45/EC and following amendments and adjustments.

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

VOC (Directive 2004/42/EC) :



Decorative effect coatings.

VOC given in g/litre of product in a ready-to-use condition :

Limit value: 300,00 (2007) - 200,00 (2010)

VOC of product : 18,99

16. Other information.

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

R 41 RISK OF SERIOUS DAMAGE TO EYES.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments;
2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
4. The Merck Index. - 10th Edition;
5. Handling Chemical Safety;
6. Niosh - Registry of Toxic Effects of Chemical Substances;
7. INRS - Fiche Toxicologique (toxicological sheet);
8. Patty - Industrial Hygiene and Toxicology;
9. 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 / 08 / 09 / 13 / 15