



## 1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

### 1.2 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

|                |                              |
|----------------|------------------------------|
| Product Name   | Unimarc Finitura Cerata      |
| Product Series | 312                          |
| Product Usage  | Water-Repellent Wood Varnish |
| Color          | All                          |

### 1.3 MANUFACTURER INFORMATION

|                      |   |
|----------------------|---|
| Company Name         | Colorificio San Marco S.P.A.  |
| Address              | Via Alta 10<br>District and Country 30020 Marcon (VE)   |
| Phone Number         | 041 4569322 – Telephone<br>041 5950153 – Fax  |
| E-Mail               | sicurezza.prodotti@sanmarcogroup.it<br>competent person responsible for the Safety Data Sheet |
| Product Distribution | San Marco USA   |

**Emergency Telephone** Call 911 if you have a poison emergency.  
Call the CDC if swallowed but person is alert 1-800-222-1222

## 2 HAZARDS IDENTIFICATION

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments. Nevertheless, this preparation contains dangerous substances in concentrations that must be declared in section No. 3 and requires a safety data sheet containing all the information required under the Regulation (EC) 1907/2006 and subsequent amendments.

This product contains sensitizing substance/s and may cause allergic reactions.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

| Name                      | Concentration C | Classification |
|---------------------------|-----------------|----------------|
| 2-(2-Butoxyethoxy)Ethanol | 1 <= C < 1,5    | Xi R36         |
| Cas No 112-34-5           |                 |                |
| CE No 203-961-6           |                 |                |
| Index No 603-096-00-8     |                 |                |

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. |

|                   |   |
|-------------------|---|
| <b>Inhalation</b> | Remove to open air. If breathing is irregular, seek medical advice.   |
| <b>Ingestion</b>  | Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person. |

## **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.



## **ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. If there are no contraindications, spray solid products with water to prevent the formation of dust. Use reathing equipment if fumes or powders are released into the air. Block the leakage if there is no hazard. Do not handle damaged containers or the leaked product before donning appropriate protective gear. For information on risks for the environmental and health, respiratory tract protection, ventilation and personal protection equipment, see the other sections of this sheet.

**Environmental Precautions** The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

**Methods For Cleaning Up** Use inert absorbent material (sand, vermiculite, diatomeous earth, Kieselguhr, etc.) to soak up leaked product. Collect the majority of the remaining material and deposit it in containers for disposal. If there are no contraindications, use jets of water to eliminate product residues. 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

Store in a well ventilated place, keeping the containers closed when not used. Do not smoke while handling. Keep far away from sources of heat, bright flames and sparks and other sources of ignition.

## 8 EXPOSURE CONTROL / PERSONAL PROTECTION.

### 8.1 EXPOSURE LIMIT VALUES

| Name                      | Type | Country | TWA/8h            |     | STEL/15min        |     | Skin |
|---------------------------|------|---------|-------------------|-----|-------------------|-----|------|
|                           |      |         | mg/m <sup>3</sup> | ppm | mg/m <sup>3</sup> | ppm |      |
| 2-(2-Butoxyethoxy)Ethanol | OEL  | EU      | 67,5              | 10  | 101,2             | 15  |      |

### 8.2 EXPOSURE CONTROLS

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures, such as: masks suitable for the product, goggles, gloves and overall. Do not eat, drink or smoke while handling it. Wash hands accurately with soap and water before meals and at the end of the work shift.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|  |                |
|--|----------------|
| Colour                                 | Color Palette  |
| Odor                                   | Characteristic |
| State                                  | liquid         |
| Solubility                             | Not available  |
| Viscosity                              | 750 cps        |
| Vapour Density                         | Not available  |
| Evaporation Speed                      | Not available  |
| Comburent Properties                   | Not available  |
| Partition Coefficient: N-Octanol/Water | Not available  |
| pH                                     | Not available  |
| Boiling Point                          | Not available  |
| Flash Point                            | > 60°C         |
| Explosive Properties                   | Not available  |
| Vapour Pressure                        | Not available  |
| Specific Gravity                       | 1,100Kg/l      |

## 10 STABILITY AND REACTIVITY

The product is stable in normal conditions of use and storage. Due to thermal decomposition or in the event of a fire vapours may be produced potentially dangerous to health.

Diethylene glycol butyl ether may react with oxidizing agents. When heated to decomposition, it emits acrid and irritant fumes. It is hygroscopic.

**Propylene Glycol** It is hygroscopic, stable at normal conditions; at high temperatures, it tends to oxidize yielding propionaldehyde as well as lactic and acetic acid.

## **i1** 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.

Butyl diglycol: can be absorbed by inhalation, ingestion and skin contact; it is irritant to the skin and especially to the eyes; spleen damage may occur. Inhalation is unlikely to occur at room temperature due to the low vapour tension of the substance.

**2-(2-Butoxyethoxy)Ethanol** oral LD50 (mg/kg) 3384 (RAT)  
dermal LD50 (mg/kg) 2700 (RABBIT)

**1,2-Propanediol** oral LD50 (mg/kg) 20800 (RAT)  
dermal LD50 (mg/kg) 20800 (RAT)

## **i2** ECOLOGICAL INFORMATION

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil, sewers and waterways. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

Please take all the proper measures to reduce harmful effects on aquifers.

## **i3** DISPOSAL CONSIDERATION

Consider the possibility of burning the product in a suitable incenerator.

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.

## **i4** 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.

## **i5** REGULATORY INFORMATION

**Warning Symbols** None

**Hazard Sentences (R)** None

**Caution Recommendations (S)** None

Safety data sheet available upon request for professional users.

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

## **i6** OTHER INFORMATION

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

**R36** Irritating 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 / 02 / 03 / 06 / 08 / 09 / 11 / 13 / 14 / 15 / 16