

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

### 1.2 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Product Name	Unimarc Impregnante Legno
Product Series	312
Product Usage	Odorless Protective Coating For Outdoor/Indoor Use
Color	All

### 1.3 MANUFACTURER INFORMATION

Company Name	Colorificio San Marco S.P.A.
Address	Via Alta 10 District and Country 30020 Marcon (VE)
Phone Number	041 4569322 – Telephone 041 5950153 – Fax
E-Mail	sicurezza.prodotti@sanmarcogroup.it 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

The product does not present health or environmental hazards on account of its chemical, physical, toxicological and ecotoxicological properties.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

## 4 FIRST AID MEASURES

No harm to the staff authorised to use has been reported. However, in case of contact, inhalation or ingestion, the following general measures provided for a first aid shall be taken.

Inhalation	Remove to open air. If respiration is difficult, administer artificial respiration and seek medical advice.
Ingestion	Seek medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.
Eyes and Skin	Wash with plenty of water; if the irritation persists, seek medical advice.

## 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**

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 breathing 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

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

**3.2 EXPOSURE CONTROLS**

Follow the good industrial hygiene practices adopting suitable individual protective measures, such as gloves and overall. Do not eat or smoke while handling the product. Wash hands before eating and at the end of the work shift. Periodic health controls are recommended at the discretion of the doctor.

**9.1 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Colour</b>	Color Palette
<b>Odor</b>	Odorless
<b>State</b>	Liquid
<b>Solubility</b>	Not available
<b>Viscosity</b>	152 cps
<b>Vapour Density</b>	Not available
<b>Evaporation Speed</b>	Not available
<b>Comburent Properties</b>	Not available
<b>Partition Coefficient: N-Octanol/Water</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Flash Point</b>	> 60°C
<b>Explosive Properties</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Specific Gravity</b>	1,010Kg/l

**10.1 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.

**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.

**11.1 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.

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

**12.1 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.

**13.1 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.

## **i14** 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.

## **i15** REGULATORY INFORMATION

<b>Warning Symbols</b>	None
<b>Hazard Sentences (R)</b>	None
<b>Caution Recommendations (S)</b>	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.

## **i16** 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

