

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

**1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION**

**Product Name** Neptunus  
**Product Series** 383  
**Product Usage** Siloxane Decorative Protective Treatment For Exterior And Interior  
**Color** All

**1.2 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**

**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.

**R Phrases** 52/53

**2.2 DANGER IDENTIFICATION**

Harmful To Aquatic Organisms, May Cause Long-Term Adverse Effects In The Aquatic Environment.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

Name	Concentration C	Classification
2-Butoxyethanol	1,5 <= C < 2	Xn R20/21/22
Cas No 111-76-2		Xi R36/38
CE No 203-905-0		
Index No 603-014-00-0		
Terbutryn	0,0025 <= C < 0,025	N R50/53
Cas No 886-50-0		
CE No 212-950-5		

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

## 4 FIRST AID MEASURES

<b>Eyes</b>	Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.
<b>Skin</b>	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.

## 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.

**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.

**EXPOSURE CONTROL / PERSONAL PROTECTION.****EXPOSURE LIMIT VALUES**

Name	Type	Country	TWA/8h		STEL/15min		
			mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
2-Butoxyethanol	TLV-ACGIH		97				Skin
	OEL	EU	98				Skin
OEL	IRL			20	50		Skin
WEL	UK			25	50		Skin
<b>TLV of Solvent Mixture</b>			93 MG/M <sup>3</sup>				

**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.

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Colour</b>	Color Palette
<b>Odor</b>	Characteristic
<b>State</b>	Liquid
<b>Solubility</b>	Not Available
<b>Viscosity</b>	14400 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>	> 55°C
<b>Explosive Properties</b>	Not Available
<b>Vapour Pressure</b>	Not Available
<b>Specific Gravity</b>	1,090Kg/l

**i10 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.

2-Butoxyethanol may form explosive peroxides; it reacts with light metals, such as aluminium (ref. H.C.S.).

**i11 TOXICOLOGICAL INFORMATION**

**Titanium Dioxide** oral LD50 (mg/kg) > 10000 (RAT)  
**1,2-Propanediol** oral LD50 (mg/kg) 20800 (RAT) ; dermal LD50 (mg/kg) 20800 (RAT)  
**2-Butoxyethanol** oral LD50 (mg/kg) 470 (RAT) ; dermal LD50 (mg/kg) 220 (RABBIT)  
 inhalation LC50 (rat) 2,21 mg/l/4h

**i12 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.

**i13 DISPOSAL CONSIDERATION**

**i14** Consider the possibility of burning the product in a suitable incenerator.

Acid or basic products must always be neutralized before undergoing any treatment, including

**i15** biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill.

**i16 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.

**REGULATORY INFORMATION**

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

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

**OTHER INFORMATION****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