

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

**1.2 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION**

**Product Name** Marcasil Pittura Liscia  
**Product Series** 946  
**Product Usage** Silicate Emulsion Paint for Exteriors  
**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**

**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** 36/38

**2.2 DANGER IDENTIFICATION**

Irritating to Eyes and Skin.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Name</b>	<b>Concentration C</b>	<b>Classification</b>
Silicic acid, potassium salt Cas No 1312-76-1 CE No 215-199-1	16,5 <= C < 18	Xi R36/38
Naphta (Petrol.) Hydrodsulfurized Heavy Cas No 64742-82-1 CE No 265-185-4 Index No 649-330-00-2	1,5 <= C < 2	R10 R66 R67 Xn R65 N R51/53

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

<b>Personal Precautions</b>	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.
<b>Environmental Precautions</b>	The product must not penetrate the sewer system, surface water, ground water and neighbouring areas.
<b>Methods for Cleaning Up</b>	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

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 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>	44000 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>	1,500Kg/l

## 10 STABILITY AND REACTIVITY

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

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Effects</b>	Stinging eyes.
<b>Symptoms may include</b>	Rubescence, edema, pain and lachrymation.
<b>Contact with skin may cause</b>	Irritation, erythema, edema, dryness and chapped skin. Vapour inhalation may slightly irritate the upper respiratory tract. Ingestion may cause health disorders, including stomach pain and sting, nausea and sickness.
<b>Titanium Dioxide</b>	oral LD50 (mg/kg) > 10000 (RAT)
<b>Calcium Carbonate</b>	oral LD50 (mg/kg) 6450 (RAT)

**12 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.

**13 DISPOSAL CONSIDERATION**

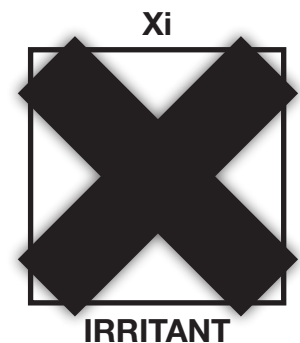
Consider the possibility of burning the product in a suitable incenerator. Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill.

**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**

<b>R36/38</b>	Irritating to eyes and skin.
<b>S2</b>	Keep out of the reach of children.
<b>S25</b>	Avoid contact with eyes.
<b>S26</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>S37</b>	Wear suitable gloves.
<b>S46</b>	If swallowed, seek medical advice immediately and show this container or label.



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.

**16 OTHER INFORMATION**

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

<b>R10</b>	Flammable.
<b>R36/38</b>	Irritating to eyes and skin.
<b>R51/53</b>	Toxic to Aquatic Organisms, may cause long term adverse effects in the aquatic environment.
<b>R65</b>	Harmful: May cause lung damage if swallowed.
<b>R66</b>	Repeated exposure may cause skin dryness or cracking.
<b>R67</b>	Vapours may cause drowsiness and dizziness.

## 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