

Date: **January 2008** - This Safety Sheet replaces all the previous editions

**1 Name of the substance/preparation and the company**

- 1.1 Product information:
- 1.2 Trade Name: PELLE DI PESCA - ART. 1012
- 1.3 Chemical name and Synonyms: Emulsion resins in water
- 1.4 Product category: DECORATIVE PAINT
- 1.5 Manufacturer / Supplier: Giorgio Graesan & Friends s.a.s.- Di Shila Graesan - Via Bergamo, 24 - 20037 Paderno Dugnano (MI) (Italy)

**2 Composition / Information on ingredients**

- 2.1 The preparation is not classified as dangerous according to the provisions contained in Directives 67/548/EEC and 1999/45/EC and successive modifications and alterations. However, the preparation requires a safety data sheet showing appropriate information, in conformity with Directive 91/155/EC and successive modifications as it contains dangerous substances in concentrations that can be declared as per section no. 3.

**3 Hazard Identification**

Name	Concentration (C)	Classification
N-METIL-2-PYRROLIDONE	3,5 <= C < 4	Xi R36/38
Cas No 872-50-4		
CE No 212-828-1		
Index No 606-021-00-7		
2-BUTOXYETHANOL	1,5 <= C < 2	Xp R20/21/22
Cas No 111-76-2		Xi R36/38
CE No 203-905-0		
Index No 603-014-00-0		

The full text of Risk phrases (R) is reproduced in the section 16 of the ttd.

**4 First-Aid Measures**

- 4.1 Contact with the eyes: Immediately wash with copious amounts of clean water for 15 minutes. If irritation persists, see a doctor.
- 4.2 Contact with the skin: Immediately wash with copious amounts of clean water. Take off contaminated clothes. If the irritation persists, consult a doctor. Wash contaminated clothes before reusing them.
- 4.3 Inhalation: Take the person affected into the open air. In case of breathing difficulties, consult a doctor.
- 4.4 Ingestion: Consult a doctor immediately. Induce vomiting only if indicated by the doctor. Do not administer anything by mouth if the person is unconscious or if authorisation has not been provided by the doctor.

**5 Fire-Fighting Measures**

- 5.1 Cool down the containers in order to prevent the decomposition of the product and the development of potentially dangerous substances for health and safety. Always wear equipment complete with fire protection.

**6 Accidental release measures**

- 6.1 Extinguish fire or heat sources. Cover leaks with absorbent material. Collect as much of the resulting mass as possible and eliminate the rest with jets of water. For information regarding risks for the environment and health and protection media, please refer to the other sections of the sheet

**7 Handling and Storage**

- 7.1 Keep in a cool and well-ventilated place. Keep the container closed when it is not in use. Do not smoke whilst handling. Keep far from heat, naked flames, sparks and other fire sources.

**8 Exposure control / personal protection equipment:**

- 8.1 Exposure limit values
- 8.2 In order to contain exposure, adopt personal protection media suitable for the specific processes, such as: A mask suitable for the nature of the product, goggles, gloves and overalls. Do not eat, drink or smoke during use. Wash hands well with soap and water before and after each work shift.

DESCRIPTION	TYPE	STATE	TWA/8H		STEL/15MIN	
			mg/m3	ppm	mg/m3	ppm
2-BUTOSSIETANOLO	TLV-ACGIH		97			
	TLV	CH	49	10	98	20
	OEL	EU	98			

**9 Physical and Chemical Properties**

- 9.1 Colour: a view
- 9.2 Odour: typical
- 9.3 Physical State: liquid
- 9.4 Solubility in water: Miscible with water
- 9.5 Viscosity: ND
- 9.6 Density of vapours: ND
- 9.7 Speed of Evaporation: ND
- 9.8 Oxidizing properties: ND
- 9.9 Distribution coefficient /n-octanol/water: ND
- 9.10 pH: ND
- 9.11 Boiling Point: 100°C (water)
- 9.12 Flashpoint: > 61°C
- 9.13 Explosive properties: ND
- 9.14 Vapour pressure: ND
- 9.15 Specific weight: +/- 0,04 kg/l

**10 Stability and Reactivity**

- 10.1 The product is stable in normal use and storage conditions. Due to heat or in case of fire, carbon oxides and vapours can be released that could be dangerous for health. The vapours can form explosive mixtures with the air.
- 10.2 N-METHYL-2-PYRROLIDONE is stable up to 315°C in inert atmospheres. It oxidises slowly in contact with air, producing hydroperoxides. Through thermal decomposition toxic gases of nitrogen and carbon oxides are produced. It mixes completely with water through a neutral or slightly basic reaction. It does not attach to common materials, but dissolves different types of plastic materials.
- 10.3 2-BUTOXYETHANOL can form peroxides

**11 Toxicological Information**

- 11.1 There are no known episodes of damage to health due to exposure to the product. In any case, it is advisable to operate with respect for the good workmanship practices. For particularly sensitive people, the preparation can cause slight effects to health due to exposure to inhalation and/or skin absorption and/or contact with eyes and/or ingestion.
- 11.2 N-methyl-2-pyrrolidone: No cases of acute or chronic intoxication, or sensitization have been reported. Repeated cutaneous application on volunteers has caused moderate and transitory erythema. The substance strengthens the cutaneous penetration of many other substances. An exposure limit of 400/mg/mc is suggested (fiche toxicologique, 1987). Experiments carried out orally and through inhalation on mice and rats have not shown teratogenic effects at non-embryotoxic doses. Non-mutagenic according to Ames test.
- 11.3 N-Metil-2-PIRROLIDONE: oral LD50 (MG/KG) 7000 (RAT) ; dermal LD50 (MG/KG) 7000 (RAT) ; inhalation LD50 (RAT) 5,1 mg/l/4h.
- 11.4 2-BUTOSSEIETANOLO: oral LD50 (MG/KG) 470 (RAT) ; dermal LD50 (MG/KG) 220 (RABBIT) ; inhalation LD50 (RAT) 2,21 mg/l/4h.

**12 Ecological Information**

- 12.1 Use according to good workmanship practices. Avoid dispersing the product into the environment. Inform the relevant authorities if the product has reached watercourses or drains or if it has contaminated the soil or vegetation.

**13 Disposal Considerations**

- 13.1 Examine the possibility of burning oven product suitable incinerator
- 13.2 For acidic or basic product it is always necessary to carry out neutralisation before any treatments, including biological treatment if practicable.
- 13.3 If the waste is solid, it can be disposed of in a waste dump according to the technical provisions and regulations provided by the authorisations in force. This criterion is also valid for empty containers, after adequate washing. Never dispose of in drains or surface or underground waters.

**14 Transport Information**

- 14.1 The product is not to be considered dangerous according to the provisions in force on the transportation of dangerous goods by road (A.D.R.), rail(RIS), by sea (IMGD Code), and by air (IATA).

**15 Regulatory information: classification standards and labelling**

- 15.1 Danger symbols: None
- 15.2 Risk phrases (R): None
- 15.3 Advice phrases (S): None
- 15.4 Safety data sheet available upon request for professional users.
- 15.5 This product is labeled as hazardous as to the criteria of EEC Directives 67/548/EEC and 88/379/EEC.
- 15.6 VOC (DIR. 2004/42/UE)
- 15.7 Paint with decorative effects
- 15.8 VOC in g/l of the product ready to use: Limit max 300,00 (2007) 200,00 (2010)
- 15.9 VOC of product: 73,84
- 15.10 DPR 203/88 D.M. 10/07/1990 and successive modifications

D.Lgs. 152/2006 and successive modifications

Emission		
TAB. D	Class 2	00,35%
TAB. D	Class 3	01,90%
TAB. D	Class 4	03,71%
TAB. D	Class 5	00,18%
ACQUA		59,93%

**16 Other Information**

- 16.1 Text of the risk phrases (R) quoted in section 3 of the sheet
- 16.2 R20/21/22 Harmful for inhalation, contact with the skin and for ingestion
- 16.3 R36/38 Irritant for eyes and skin
- 16.4 General Bibliography:
- 16.5 DIR. 1999/45/UE and successive modifications
- 16.6 DIR. 67/548/UEE and successive modifications (XXIX Technical adjustment.)
- 16.7 Regulation (UE) 1907/2006 of European Parliament (REACH)
- 16.8 The Merck Index. Ed10
- 16.9 Handling Chemical Safety
- 16.10 Niosh - Registry of Toxic Effect of Chemical Substance
- 16.11 INRS - Fiche Toxicologique
- 16.12 Patty - Industrial Hygiene and Toxicology
- 16.13 N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed. 1989
- 16.14 For further information on the product, contact Giorgio Graesan & Friends s.a.s. Tel. + 39 - 02.9903951

**NOTE:** The information contained in this safety sheet only refers to the specific product mentioned. Not to be used for other purposes than those indicated on this sheet. Giorgio Graesan & Friends s.a.s. Di Shila Graesan does not accept any responsibility for improper and/or other uses of the product or for such information being accurate and reliable when this safety sheet is issued as it is based on the current knowledge provided by Italian Legislative Decree 03/65 and the LEGAL DIRECTIVES 1999/45 EC, 2001/58 EC and 2001/60 EC. However, Giorgio Graesan & Friends s.a.s. Di Shila Graesan recommends that those who receive this safety sheet conform to the hygiene, personal protection and environmental regulations provided for by the laws in force. The information contained in this sheet is to be considered a description of the product characteristics for safety purposes and not to be considered a guarantee of the properties of the product itself.