



## Safety Data Sheet

### 1. Identification of the substance / preparation and the Company

#### 1.1 Identification of the substance or preparation

Code: A46  
Product name: EFFETTO PERLATO

#### 1.2 Use of the substance / preparation

#### 1.3 Company identification

Name: LOGGIA INDUSTRIA VERNICI S.r.l.  
Full address: VIA Colle d'Alba di Levante - B.go S. Donato  
District and Country: 04016 SABAUDIA (LT)  
ITALIA  
Tel.: +39-0773-562212  
Fax: +39-0773-562034

e-mail address of the competent person responsible for the Safety Data Sheet: laboratorio@loggia.it

Product distribution by: Loggia Industria Vernici S.r.l.

#### 1.4 Emergency telephone

For urgent inquiries refer to: Centro Antiveleni - Università di Roma, Policlinico Umberto I tel. +39-06-490663

### 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.

### 3. Composition / Information on ingredients.

#### Contains:

Name.	Concentration % (C).	Classification.
<b>DIETHYLENE GLYCOL</b>	2<= C <2,5	Xn R 22
<i>C.A.S. number</i>	111-46-6	
<i>EC number</i>	203-872-2	
<i>INDEX number</i>	603-140-00-6	

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.

INHALATION: Remove to open air. If breathing is irregular, seek medical advice.

INGESTION: 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, diatomaceous 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 mg/m3	ppm	STEL/15min mg/m3	ppm	
DIETHYLENE GLYCOL							
	OEL	IRL		23			Skin
	WEL	UK		23			Skin

**8.2 Exposure controls.**

Observance of safety measures used in handling chemical substances.

**RESPIRATORY PROTECTION**

If workplace maximum concentration thresholds are exceeded, wear a facemask covering the nose and mouth (see standard EN 141).

**EYE PROTECTION**

None required.

**HAND PROTECTION**

None required.

**SKIN PROTECTION**

None required.

**9. Physical and chemical properties.**

Solid on weight

colour

Solubility

Odour

physical state

pH.

of folder

soluble in water

odourless

liquid

7

**A46 - EFFETTO PERLATO**

Boiling point.		Not available.
Flash point.	>	61 °C.
Explosive properties.		Not available.
Vapour pressure.		Not available.
Specific gravity.		0,980 Kg/l

**10. Stability and reactivity.**

The product is stable in normal conditions of use and storage. When heated or in the event of a fire, carbon oxides may be released and vapours which are dangerous to health. The vapours may also form explosive mixtures with the air.

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. 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.

DIETHYLENE GLYCOL: oral LD50 (mg/kg) 12565 (RAT) ; dermal LD50 (mg/kg) 11890 (RABBIT).  
1,2-PROPANEDIOL: oral LD50 (mg/kg) 20800 (RAT) ; dermal LD50 (mg/kg) 20800 (RAT).

**12. 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. Disposal consideration.**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

**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.**

Warning symbols: None.

Hazard sentences (R): None.

Caution recommendations (S): None.

Safety data sheet available upon request for professional users.

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

VOC (Directive 2004/42/EC) :

Decorative effect coatings.

VOC given in g/litre of product in a ready-to-use condition :

Limit value: 300,00 (2007) - 200,00 (2010)

VOC of product : 35,00

- Thinned with : 5,00 % WATER

**16. Other information.**

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

**R 22** HARMFUL IF SWALLOWED.

**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) 1272/2008 (CLP) of the European Parliament;
4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
5. The Merck Index. - 10th Edition;
6. Handling Chemical Safety;
7. Niosh - Registry of Toxic Effects of Chemical Substances;
8. INRS - Fiche Toxicologique (toxicological sheet);
9. Patty - Industrial Hygiene and Toxicology;
10. 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.