

# SAFETY DATA SHEET

Issue date: <b>21.11.2011</b> r	Version: <b>03/2011</b>
According to Regulations (EC) 1907/2006, (EC) 453/2010	Replaces version: <b>02/2008</b>

## 1. IDENTIFICATION OF THE MIXTURE AND THE COMPANY

**1.1. Product identifier.** Commercial product name:

**ItalVarnish Elasta; ItalPrimer; ItalVarnish Hard; ItalVarnish White**

**1.2 Relevant identified uses of the mixture and uses advised against:**

A waterborne, one component acrylate coating for wooden surfaces, exposed to weather conditions /external environments/.

**1.3. Details of the supplier of the data safety sheet:**

**1.4. Emergency telephone number:**

## 2. HAZARDS IDENTIFICATION

**2.1 Classification of the mixture:**

This product is of low oral and dermal toxicity and under normal conditions of use should present no significant health hazards. However, normal industrial hygiene precautions for the manipulation of chemical products should be observed in any case, in order to avoid contact with the skin, eyes or respiratory tract.  
For detailed explanation of classification refer to section 16.

**2.2 Label elements**

**European Union Directive 67/548/EEC**

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S61 Avoid release to the environment. Refer to special instructions/safety data sheet

**GHS/CLP: Regulation (EC) No 1272/2008**

**-Environmental hazards**

H412: Harmful to aquatic life with long lasting effects

**-Precautionary statements**

P273: Avoid release to the environment

**2.3. Other hazards**

none

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1. Substances**

**3.2. Mixtures. General description of components and their concentrations**

Substance name	CAS №	EC Number	Concentration, %	Classification (67/548/EC)	Classification 1907/2006 (GHS)
BUTYLGLYKOL	111-76-2	203-905-0	1-1,5 %	Xn ; R20/21/22 Xi ; R36/38	Acute Tox. 4 ; H302 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315
AMMONIA	1336-21-6	215-647-6	1,00%	N ; R50 C ; R34	Skin Corr. 1B ; H314 Aquatic Acute 1 ; H400

For the wording of the Notes H and L refer to section 16.

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

In the case of incident rinse immediately with plenty of water and soap and seek medical attention.

**Inhalation:**

No special measures necessary. Take the subject out into fresh air. If difficulty breathing persists, call a physician.

**Skin contact:**

Immediately take off the contaminated clothes. Wash the contaminated areas thoroughly with soap and water. Wash the working clothes before using them again. If the product causes skin irritation or sensitization, contact a physician.

**Eye contact:**

In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes also under the eyelids and seek medical attention. Keep the eyes open. Remove contact lenses (if any).

**Ingestion:**

Rinse the mouth with plenty of water (if only the person is conscious). Do not induce vomiting. If symptoms persist call a physician and if possible show the label.

### 4.2. Most important symptoms and effects, both acute and delayed

**Principal routes of exposure:**

Skin contact, eyes contact, ingestion

**Eye contact:**

Irritating to eyes and possible cornea injury.

**Skin contact:**

May cause reddening and skinning of the skin by prolonged contact. It may cause dermatitis.

**Ingestion:**

May cause a distress in the gastro-intestinal tract.

**Inhalation:**

There is a risk of aspiration in the lungs while spraying. May cause occupational lung disease

**Hazard information:**

**Target organ effects:**

Unknown on product

**Reproductive effects:**

Unknown on product

**Mutagenic effects:**

Unknown on product

**Sensitization:**

Not a sensitizer

**Carcinogenicity rating:**

Not determined

### 4.3. Indication of any immedi-

**ate medical attention and special treatment needed:**

**Protection of first-aiders:** None

**Notes to physician:** A medical aid is obligatory by eye contact and ingestion.

## 5. FIRE FIGHTING MEASURES

**5.1. Extinguishing media:** Under normal conditions Inflammable

**5.2. Special hazards arising from the mixture** None.

**5.3. Advice for firefighters:** Standard protective equipment should be worn by firefighters. In the event of a large fire toxic fumes containing oxides of carbon may be formed, which would necessitate the use of a self contained breathing apparatus.

**5.3. Additional instructions:** Do not allow the fire-extinguishing water to get into the sewage system.

## 6. ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures:** Avoid any inhalation by spraying. Avoid contact with eyes and skin. Wear eye and skin protection clothing while handling material for clean-up.

**6.2. Environmental precautions:** Should not be released in the environment. Do not allow to get into the sewage system. Avoid accidental release of big quantities of concentrated product, If the product contaminates the environment inform respective authorities and proceed according to the local legislation. Collect and discard into appropriate container, then dispose of in accordance with all applicable state and local regulations and emergency plans.

**6.3. Methods and material for containment and cleaning up:** Absorb by means of suitable inert materials (sand, sawdust or soil). The contaminated material should be collected mechanically for subsequent disposal. Wash with water and detergent..

**6.4. Reference to other sections:** Refer to protective measures, listed in sections 7 and 8.

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling** Wear safety glasses and gloves. Follow the operating instructions as specified on the label. Avoid direct contact with the eyes and skin. Do not allow disposal of the product into the environment. Take care of your personal hygiene – wash your hands before eating, smoking or rest and in the end of the day. Change your clothing after work and wash it.

## 7.2. Conditions for safe storage including any incompatibilities

Store the product in in the original containers, well closed, away from food, drinks and inflammable sources. Keep at temperatures below 35 °C and keep away from direct sunlight.

## 7.3. Specific end use(s):

The product is intended for professional use only

# 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

## 8.1 Control parameters

Limit values for aerosol of the basic oil in the air of the work place:

BUTYLGLYKOL	CAS-Nr. : 111-76-2
Specification:	TRGS 900 ( D )
Value:	20 ppm / 98 mg/m <sup>3</sup>
Category:	4(II)
Notes:	H,Y
Version date:	02.07.2009
Specification:	TRGS 903 ( D )
Parameter:	Butoxyacetic acid/ Urin (U) / bei Langzeitexposition
Value:	100 mg/l
Version date:	31.03.2004
Specification:	STEL ( EC )
Value:	50 ppm / 246 mg/m <sup>3</sup>
Notes:	H

## 8.2 Exposure controls

Engineering controls:	Ensure adequate ventilation especially in confined areas.
Eye protection:	Eye protection required
Hand protection:	Chemical resistant gloves required.
Skin and body protection:	Wear suitable protective clothing.
Respiratory protection:	Required by spraying; none required by brushing.
Other/general protection:	None required

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	White
Odour	Not significant
pH	7,5 -- 8
Boiling point:	100 °C (1013hPa)
Freezing point (°C):	0 °C
Flash point	Not applicable
Autoignition temperature:	Not applicable
Explosivity:	Not explosive
Oxidizing properties:	None

Vapour pressure (by 50 °C):	< 0,01 mm Hg
Density (by 20°C):	1,02 g/cm <sup>3</sup>
Solubility in water:	miscible
Solubility in solvents:	miscible

Vapour density:	Not determined
VOC Value	130 g/l

## 9.2 Other information

None

## 10. STABILITY AND REACTIVITY

<b>10.1. Reactivity</b>	N.A.
<b>10.2. Chemical stability:</b>	Stable under recommended storage conditions.
<b>10.3. Possibility of hazardous reactions</b>	Hazardous polymerization - will not occur
<b>10.4 Conditions to avoid</b>	Stable under normal conditions
<b>10.5. Incompatible materials:</b>	N.A.
<b>10.6. Hazardous decomposition products:</b>	When heated (decomposition) or in case of fire may liberate carbon monoxide and carbon dioxide, gases and vapors which are dangerous to health.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

No toxicological information is available on the substances. However, refer to Section 3.

### 11.2. Health effects for the product:

This product is unlikely to harm health, taking into account the occupational hygiene.

### 11.3. Specific effects:

Ames test	negative.
Reproductive toxicity	N/A.
Corrosivity:	Not corrosive
Sensitization:	May cause sensitization by skin contact
Target organs effects:	Unknown to product
Mutagenic effects:	Unknown to product
Reproductive effects:	Unknown to product
Developmental effects:	Unknown to product
Carcinogenic effects:	Unknown to product

## 12. ECOLOGICAL INFORMATION

<b>12.1. Toxicity:</b>	No data
<b>12.2. Persistence and</b>	The product is not biodegradable

## degradability

**12.3. Bioaccumulative potential** no data.

**12.4. Mobility in soil** In case of getting in water sources it mixes with the water, which can affect water flora and fauna.

**12.5. Results of PBT and vPvB assessment** no data.

**12.3. Other adverse effects** no data

Adopt good working practices, so that the product is not released into the environment.

## 13. DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods** Waste disposal must be in accordance with appropriate local and international regulations.

Contain, absorb and transfer to disposable container.

Clean thoroughly.

Empty packaging should be taken to an approved waste handling site for recycling or disposal

Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

Wastcode: (91/689/EWG) : 08 01 20

## 14. TRANSPORT INFORMATION

Non- hazardous for all types of transport. To be transported in closed transport vehicles, separated from food and drinks.

## 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the mixture

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification,

packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir.

2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH),

Regulation (CE) n.1272/2008 (CLP) (Annex VI), Regulation (CE) n.790/2009.

The preparation should not be considered as dangerous accordingly to dir. 1999/45/EC.

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

### 15.2. Chemical safety assessment

**Not classified as dangerous mixture**

#### R-phrases:

Not applicable

**S- phrases:**

S 2 Keep out of the reach of children

S 13 Keep away from food and drinks

S 20/21 When using do not eat, drink or smoke

S 24/25 Avoid contact with eyes and skin

S 29 Do not empty into drains

S 27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S 62 If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label.

**16. OTHER INFORMATION****REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL  
of 16 December 2008**

Note H ( Table 3.1 ) :

The classification and labelling shown for this substance applies to the hazardous property(ies) indicated by the hazard statement(s) in combination with the hazard class(es) and category(ies) shown. The requirements of Article 4 for manufacturers, importers or downstream users of this substance apply to all other hazard classes and categories. For hazard classes where the route of exposure or the nature of the effects leads to a differentiation of the classification of the hazard class, the manufacturer, importer or downstream user is required to consider the routes of exposure or the nature of the effects not already considered.

Note H ( Table 3.2 ) :

The classification and label shown for this substance applies to the dangerous property(ies) indicated by the risk phrase(s) in combination with the category(ies) of danger shown. Manufacturers, importers and downstream users of this substance shall be obliged to carry out an investigation to make themselves aware of the relevant and accessible data which exists for all other properties to classify and label the substance.

Note L :

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

Since the user's working conditions are not known by us, the information supplied on the safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

**WARNING: This is a controlled proprietary document. Verify version is current prior to use.**