



BORMA WACHS
di Bortoluzzi Franco

**PRODOTTI PROFESSIONALI PER
L'INDUSTRIA DEL MOBILE E LA CURA DEL LEGNO**

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SAFETY DATA SHEET

1 MATERIAL/ MANUFACTURER'S DESCRIPTION

1.1 Information on product

Trade name : COLOUR EDGING PEN
Chemical identification: touch up varnish pen

1.2 Information on manufacturers/ supplier

BORMA – WACHS
di Boroluzzi Franco
Via A. Meucci 11/A
30016 Jesolo VE
Tel. 0421/951900 Fax 0421/951902

2 COMPOSITION

DENOMINATION	CONC.(C)	CLASS	PHRASE
ISOPROPY ALCOHOL N° CAS 67-63-0	30<C <50	Xi, F	R11 R36
1 METOSSE- 2 PROPANOL N. CEE:203-539-1 N.CAS:107-98-2	10<C<20	/	R10
AMYL ACETATE N.CAS:628-63-7 N.CEE:211-047-3 N.Index:607-130-00-2	1<C<5	/	R10 R66

3. DANGER HAZARDS

Easily flammable, even at temperatures inferior of 21°C. Eyes irritant. The repeat exposure to the vapours can cause dryness and peeling of the skin.

3 FIRST AID MEASURES

4.1 Inhalation

In case of accidental inhalation take the patient out to fresh air .If breathing is difficult, seek medical attention.

4.2 Skin contact

Take off contaminated clothing and clean skin with soap and water. If irritation persists seek medical advice. Wash contaminated clothes thoroughly before re-using. Do not use solvents.

4.3 Eye contact

Bathe eyes thoroughly with plenty of water for at least 15 mins. Seek immediate medical attention.

4.4 Accidental swallowing

Seek immediate medical advice. Induce vomiting only on doctors orders. Do not give anything to patient by mouth if unconscious and is not authorized by doctor .

5 FIREFIGHTING MEASURES

5.1 Suitable extinguishers

Foam,CO₂,, chemical powder for flammable liquids. Water alone can be insufficient to extinguish a fire.

5.2 Fire procedures

In case of fire, for health and safety, cool down immediately the containers with atomized water.

to avoid explosion and the development of dangerous gases. Wear protect clothing.

6 ACCIDENTAL RELEASE MEASURES

6.1 General information

Eliminate all sources of lighting/ ignition.

Cover with absorbent material. Collect the material spilt with appropriate material. Only use water to take away residuals to avoid the danger of the product pouring into the drains.

Do not let the product dry out. The contaminated clothing must be left soaking in water before being washed. For other measures of safety and ways of protection see other parts of the file.

6.2 Dispersion in water

Remove the liquid from the surface with an explosion proof pump or manually or with absorbent material. If legal, the water can run thoroughly with the dispersion of the product with a suitable material.

7 HANDLING AND STORAGE

7.1 Handling

During the operation of pouring, place the containers on the floor and wear antistatic shoes. For the low conductivity of the product, the strong movement and flowing of the liquid in the tubes and apparatus it can cause the formation and accumulation of electrostatic loads to avoid the danger of fire or explosion do not use compressed air in the handling.

7.2 Avoid the accumulation of electricostatic loads.

Keep the containers closed in a well ventilated place.

The vapours can cause fire if explosion occurs, therefore leave windows and doors open to increase ventilation.The vapours can accumulate low on the floor without adequate fresh air.

Keep away from heat, sparks and flames, do not smoke, or use matches or lighters

8 EXPOSURE LIMIT AND PERSONAL PROTECTION EQUIPMENT

AMYL ACETATE

-TLV TWA 532 mg /m³ ACGIH

1 METOSSE 2 PROPANOL

-TLV TWA 983 mg/m³ ACGIH

-TLV STEL 1230 mg/m³ ACGIH

8.1 Additional warning on the nature of technical plant

Ensure that sufficient ventilation is provided at the workplace.

8.2 Personal protection equipment

Should the concentration of vapour exceed the limits established (MAK) ensure that protective measures are used for the respiratory tract.

Hand protection

It is advisable to use gloves

Eye protection

It is advisable to wear goggles.

Body protection

Wear adequate protective clothing.

While working do not eat, drink or smoke. Wash hands carefully with soap and water before eating and after work shift.

9 PHYSICAL AND CHEMICAL PROPERTIES

Form at 20°C	liquid
Colour	coloured
Odour	characteristic
Ph	n.a.
Distillation interval	-150°C
Fusion point	<-74°C
Boiling point	<21°C
Autoflammability	370°C
Solubility in water	partially soluble

10 STABILITY AND REACTIVITY

Product of dangerous decomposition

Toluene reacts to sulphur acid when heat develops.

Acetate dangerously reacts with chloroform with danger of fire and explosion.

11 TOXICOLOGICAL INFORMATION

An explosion of solvent vapours over the limits, can cause irritation of the mucous membrane and of the respiratory system, kidneys and of the central nervous system. Classic symptoms are headaches, dizziness, tiredness and in extreme cases lost of consciousness.

Amyl acetate

There has not been any record of side effects, however it is recommended to respect work laws and good industrial hygiene.

12 ECOLOGICAL INFORMATION

Do not allow the product to enter the water course, drains or to penetrate into the soil.

13 DISPOSAL INFORMATION

Should be carried out in accordance with the national and local regulations in force.

14 TRANSPORT INFORMATION

The product should be transported in its original containers and in every case the containers must be closed in order to avoid spillage of contents.

Containers should be made of impregnable materials in order not to form dangerous or toxic combinations.

ONU N°	1263
IMCO Class	3.3
IMDG PAGE	3379-MMM3 C. -64
EMS N.	3-05
MFAG	310-313
Pack Group	III

15 INFORMATION ON REGULATIONS

Symbol Xi	Irritant
Symbol F	Easily inflammable
R 11	Easily inflammable
R 36	Eyes irritant
R 66	Repeated exposure may cause skin dryness or cracking
S 16	Keep away from flames and sparks
	Do not smoke
S 26	Contact lens users should wash lens immediately and seek medical advice
S 43	In case of fire , do not use water

16 OTHER INFORMATION

These indications are based on our present state of knowledge and is intended to provide general notes on our product. They refer to the product only, and do not guarantee certain specific properties. The customer is responsible for taking all necessary measures to conform to the local and national regulations.

No responsibility can be taken for improper use of the product.

BILIOGRAPHY

- 1 Norm 88/379/CE
- 2 Norm 91/325/CE
- 3 The Merck Index. Ed. 10
- 4 Handling chemical Safety
- 5 Niosh- Registry of Toxic Effects of Chemical Substances
- 6 INRS Fiche Toxicologique.
- 7 Patty- Industrial Hygiene and Toxicology
- 8 N.I Sax- Dangerous properties of Industrial Materials- 7 Ed 1989
- 9 Norm CE 96/65 from 11/10/96 (Dir. 88/379)
- 10 Norm CE 2000/33 from 25/04/2000 (Dir. 67/548)
- 11 IMO (intern. Maritime Organization), report n. 35, 1989.