SAFETY DATA SHEET

1. IDENTYFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Trade Name: **Lakierobejca do drewna – Colorit**
Trade Code: **from ITC/LA/00/PM/750ml to ITC/LA/00/P/750ml**

1.2 Application: Varnish stain for wood

1.3 Details of the company
Producer: **Italcolor Sp. z o.o.**
ul. Gliniana 10
97-300 Piotrków Trybunalski
www.colorit.pl, tel +48 (44) 645 30 80 fax +48 (44) 645 30 6

1.4 Emergency telephone number (8.00-16.00) +48 (44) 645 30 80

1.5 Email address: laboratorium@italcolor.pl

Version: 1.1
Revision date: 25.08.2011

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Product classification: Product is not classified as hazardous.

Physical and chemical menace:
- product is not classified as hazardous

Health menace:
- product is not classified as hazardous

Ecological menace:
- product is not classified as dangerous for an environment

2.2 Label elements

Warning signs:
none

Risk phrases:
none

Safety phrases:
S1 Keep locked up
S2 Keep out of the reach of children
S46 If swallowed, seek medical advice immediately and show this container or label

VOC: 15 g/l.
VOC limit: 130g/l (Cat. 5/e)

2.3 Other hazards:

Mixture is not classified as PBT, vPvB according to annex XIII

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances: not applicable

3.2 **Mixtures:**

Classified according to table 3.2 from annex VI from European Regulation (EC) No 1272/2008 of the European Parliament and of the Council, allowing of the 30th and 31st ATPs to Council Directive 67/548/EEC

<3% 2-(2-butoxyethoxy)ethanol
Index No: 603-096-00-8 CAS No: 112-34-5 EC No: 203-961-6

Xi: R36

<3% ethanol
Index No: 603-002-00-5 CAS No: 64-17-5 EC No: 200-578-6
F: R11

<0,0015% reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)
Index No: 613-167-00-5 CAS No: 55965-84-9 EC No: -
T: R23/24/25; C: R34; R43; N: R50/53

Does not contain benzene. Substance is not classified as a carcinogen R45 or mutagen R46 (Note P).
Producer classified substance as R10 (Note H).
Meaning of R phrases – see Section 16.

Classified according to table 3.2 from annex VI from European Regulation (EC) No 1272/2008 of the European Parliament and of the Council, allowing of the 30th and 31st ATPs to Council Directive 67/548/EEC

<3% 2-(2-butoxyethoxy)ethanol
Index No: 603-096-00-8 CAS No: 112-34-5 EC No: 203-961-6
EyeIrrit2: H319

<3% ethanol
Index No: 603-002-00-5 CAS No: 64-17-5 EC No: 200-578-6
FlamLiq2: H225

<0,0015% reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)
Index No: 613-167-00-5 CAS No: 55965-84-9 EC No: -
AcuteTox3: H331; AcuteTox3 H311; AcuteTox3: H301; SkinCorr1B: H314; SkinSens1: H317; EyeDam1: H318; AquaticAcute1: H400; AcuaticChronic1: H410

AcuteTox – Acute Toxicity
SkinCorr – Skin Corrosion
SkinSens – Skin Sensitizer
EyeDam – Serious Eye Damage
AquaticAcute – Acute Aquatic Toxicity
AquaticChronic – Chronic Aquatic Toxicity
EyeIrrit – Eye Irritation
FlamLiq – Flammable Liquid

Meaning of H phrases – see Section 16.

4. FIRST AID MEASURES

Handle with principles of hygiene. Mixture is not classified as hazardous. If worrying symptoms appear - injured person transport to well-ventilated room, get medical attention and show safety data sheet. In case of respiratory arrest - artificial respiration medical attention is requested.

4.1 Description of first aid measures

In case of eye contact: immediately wash out with plenty of water for least 15 minutes with the eyelid held wide open, get medical attention

In case of skin contact: remove contaminated clothing, wash off with plenty of water and soap, in case of skin irritation get medical attention

If inhaled: provide access to fresh air and move injured to room with good ventilation, in case of respiratory problems - seek medical help

If swallowed: get medical attention, do not evoke vomiting, do not serve anything to drink

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: water- diffuse stream, fire extinguishing powder, carbon dioxide (CO_2)
Not suitable extinguishing media: water-strong stream
Cool down intact containers with water to prevent bursting and if possible remove from fire
Fire menace:
- avoid vapour breathing
- vapour with air form flammable and explosive mixtures
- vapour may hover over floor and come back to ignition source.
- heat, spark or contact with fire may cause ignition
- combustion result in release of toxic gases, vapours and smoke: carbon oxides, nitrogen oxides
- cool containers exposed to fire or high temperature with water while maintaining safe distance (water cannot get into container)

In case of fire inform fire-brigade or chemical salvage. Fire-brigade or chemical salvage should have self-contained breathing apparatus and chemical protection suits

5.2 Special hazards arising from the mixture

None

5.3 Advice for firefighters:

Personal protection measures- self-contained respiratory apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precaution, protective equipment and emergency procedures

6.1.1 For non-emergency personnel
- chemical protection gloves and suits

6.1.2 For emergency responders
- chemical protection gloves and suits (organic solvents resistance)

6.2 Environmental precaution

Keep mixture in leakproof container (avoid leak into soil, groundwater, sewerage system. Destroyed container keep in protective container.

6.3 Methods and materials for containment and cleaning up:
- bank leak with incombustible, absorptive material and gather in closed, meant container
- contact with local authority if discharge to water source or drain
- prevent discharge to water source and drain
- polluted area flush with water

6.4 Reference to other sections

Personal protection measures- see Section 8.

7. HANDLING AND STORAGE

7.1 Precaution for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat and drink during handling. After handling wash hands. During handling ventilate compartment. -Product cannot contact with hot surface, flame and fire source. Do not squash, cut containers – hazardous gases may leach.

7.2 Conditions for safe storage, including any incompatibilities

Keep in cool, dry and well ventilated place. Keep away from sunlight.

7.3 Specific and uses

None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

2-(2-Butoxyethoxy)ethanol (112-34-5):
TWA 10 ppm, 67.5 mg/m^3
STEL 15 ppm, 101.2 mg/m^3
Ethanol (64-17-5):
TWA 1,000 ppm, 1,920 mg/m3

8.2 Exposure controls

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment:

Eye protection: wear protective goggles
Skin protection: overclothes
Respiratory equipment: well ventilated compartment

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

physical state, color:	liquid, color according to the label
odour:	characteristic
pH:	no data available
boiling point:	100ºC
melting point:	no data available
flash point:	no data available
explosion limits(vol%):	
- lower:	-
- upper:	-
flammability	-
explosive properties	no data available
oxidizing properties:	no data available
vapor pressure:	no data available
density:	1,03 g/l
vapor density:	no data available
solubility in water	miscible
solubility in organic solvent:	not miscible
partition coefficient(n-octanol/water):	no data available
viscosity:	240 s/4mm

9.2 Other safety information:

autoignition point:	no data available
solids content:	31-35%
VOC:	15 g/l

10. STABILITY AND REACTIVITY

Stable at normal conditions

10.1 Reactivity:

No data available

10.2 Chemical stability:

Stable at normal conditions

10.3 Possibility of hazardous reaction:

Will not occur at normal conditions

10.4 Conditions to avoid:

No data available

10.5 Incompatible materials:

No data available

10.6 Hazardous decomposition products:

None at normal conditions

11. TOXICOGICAL INFORMATION

11.1 Information on toxicological effects:

Will not occur at normal conditions
2-(2-butoxyethoxy)ethanol
LD50 (rat, ingestion): >2000 mg/kg

LD50 (rabbit, skin): >2000 mg/kg
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1):
LD50 (rat, ingestion): 1096 mg/kg

12. ECOLOGICAL INFORMATION

Ecological menace:

- product is not classified as dangerous for an environment
- to proceed compliance with the instruction or safety data sheet
- avoid dumping into environment

12.1 Toxicity:

No data available

12.2 Persistence and degradability:

No data available

12.3 Bioaccumulative potential:

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product:

- type of discard: aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
-discard code: 08 01 20

Do not dispose in the sewage system. Do not let any material enter surface water, ground water and soil.
Small quantities (at the consumer's) treat as household waste. Do not dispose large quantities of waste material in the sewage system. Utilize in authorized incineration plants or waste utilization plants, pursuant to the regulations in force.

14. TRANSPORT INFORMATION

Not classified as hazardous according to ADR.

15. REGULATORY INFORMATION

This safety data sheet complies with the requirement of Regulation (EC) No 1272/2008 of the European Parliament and of the Council

15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

No data available

16. OTHER INFORMATIONS

Meaning of symbols and phrases:

R11	Highly flammable
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R34	Causes burns
R36	Irritating to eyes
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
H226	Highly flammable liquid and vapour
H301	Toxic if swallowed

H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. This does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.