

Material Safety Data Sheet

(in accordance with the Act No. 163/2001)

Date of issue: 3/1/2006

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Chemical name / Synonyms:	
Product name:	Dekorlak - ecological wood varnish for interior and exterior
CAS:	
EINECS/ELINCS:	
Company:	COLOR Company, s.r.o.
Company Registration No.:	36307262
Street, No.:	Štúrova 1504
Postal Code:	018 41
Town:	Dubnica n /Váhom
Country:	Slovakia
Telephone:	42/4625500
Fax:	42/4625500
Hotline:	Toxikologické informačné centrum, Klinika pracovného lekárstva a toxikológie FNŠP akad. L. Déreša, Limbová 5, 833 05 Bratislava („Toxicological Information Centre, Occupational Medicine and Toxicology Clinic of Teaching Hospital with Health Centre of acad. L. Déreš“)
Contact:	Tel.: 02/5477 4166, fax.:5477 4605

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	Concentration	EC	CAS	Symbol	R-phrases
Ethane - 1,2 diol	2%	203-473-3	107-21-1	Xn	22
2-buthoxyethyl acetate	2%	203-933-3	112-07-2	Xn	20/21
2-buthoxyethanol	2%	203-905-0	111-76-2	Xn	20/21/22-36/38
2,2-buthoxyethoxyethanol	0,3%	203-961-6	112-34-5	Xi	36
2-amino-2-methylpropane - 1-ol	< 0,1%	204-709-8	124-68-5	Xi	36/38-52/53
Sodium salt alkylaryl polyglycoether sulphate	0,70%	-	9014-90-8	Xi	36/38
alcohol C12 - 14 ethoxylated, sulphate	< 0,1%	500-234-8	68891-38-3	-	-
alcohol C16-18 ethoxylated	< 0,1%	500-212-8	68439-49-6	Xn	22-36/38
formaldehyde	0,01%	200-001-8	50-00-0	T,C,Karc.kat.3	23/24/25-34-43-50

3. HAZARD IDENTIFICATION

Health Hazards	In case of a long-term repeated contact the agent may cause a skin irritation. It may be absorbed by the skin. It may cause a moderate allergic reaction, in case of a skin contact.
Environmental Hazards	-
Other Information	-

4. FIRST AID MEASURES

Inhalation	Get the afflicted person into the fresh air.
Eyes	Flush immediately with pure water.
Skin	Wash with water and soap and use a nourishing cream.
Ingestion	Do not induce vomiting under any circumstances. Transport afflicted person immediately to the physician. the physician.

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5. FIREFIGHTING MEASURES

Extinguishing Media	unspecified – as suitable for surrounding fire
Other Information:	The preparation is non-flammable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with the skin. Use personal protective equipment during the disposal. Ventilate closed areas.
Environmental precautions	Prevent release of a large uncontrolled amount of preparation into sewage system.
Methods for cleaning up	Collect with absorbent materials and place into suitable containers. Dispose the agent according the regulations in force (see Section 13.). Flush the residues with a large amount of water.

7. HANDLING AND STORAGE

Handling	When handling, use personal protective equipment and respect the hygienic measures for working with the chemical substances. When using do not eat or drink. Use only in well ventilated areas.
Storage	Store in the original containers in dry and cool place. Protect from freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical measures	Ventilation in the workplace			
Personal protective equipment				
Respiratory Protection:	If the values of NPHV (The Highest ammissible values of exposure) are not exceeded, it is not necessary			
Eye Protection:	safety glasses			
Skin Protection:	protective gloves			
Maximum Permissible Exposure Value of Employees:				
Chemical name	CAS	Concentration	NPHV	
			average (mg/m ²)	threshold (mg/m ²)
formaldehyde	50-00-0	0,01%	0,37	- (K,S)
1,2-ethanediol	107-21-1	2%	52	104 (K)
2-buthoxyethylacetate	112-07-2	2%	133	333 (K)
2-buthoxyethanol	111-76-2	2%	98	246 (K)
<i>Note:</i> <i>K: Easily absorbed by skin..</i> <i>S: Can cause sensitisation..</i>				

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	dispersive liquid
Colour	colourless + 10 colour tints
Odour	characteristic
Ph	7-8
Boiling point [°C]	-
Melting point [°C]	-
Flash point [°C]	-
Flammability	-

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Auto-ignition Temperature [°C]	-
Explosiveness	-
Lower Explosion Limit	-
Upper Explosion Limit	-
Oxidation Properties	-
Vapour Pressure [hPa]	-
Density [g.cm⁻³]	about 1,00
Solubility in Water [g.l⁻¹]	mixable
Solubility in Solvents [g.l⁻¹]	-
Coefficient of <i>n</i>-oct./water Distribution	-
Other	

10. STABILITY AND REACTIVITY

Stability Conditions	General conditions for use
Conditions to avoid	Protect from freeze
Substances and materials to avoid	-

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50	> 2 000 mg/kg
Acute dermal toxicity	LD50	> 5 000 mg/kg
Acute inhalation toxicity		-
Chronic toxicity		-
Corrosive properties		-
Irritability		-
Sensitising properties		-
Mutagenicity		-
Reproductive toxicity		-
Carcinogenity		-

12. ECOLOGICAL INFORMATION

Decomposability	Biological degradability of the surface-active substances is > 80%.
Bioaccumulation	-
Mobility	-
Ecotoxicity	-
Other harmful effects	-

13. DISPOSAL CONSIDERATIONS

Method of substance disposal:	According to the Act No. 223/2001 on Wastes, the waste is classified in 08 01 20 as other waste. Dispose in an authorised facility.
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14. TRANSPORT INFORMATION

According to transport regulations it is not a dangerous product.

15. REGULATORY INFORMATION

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Classification according to Act No. 163/2001 on chemical substances and chemical preparations:

is not classified as dangerous.

Hazard symbol: -

R phrases: -

S phrases:

S2 Keep out of the reach of children.

S 24/25 Avoid contact with the skin and eyes.

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

It contains: < 5% tensides

16. OTHER INFORMATION

The values of NPHV are stated according to the Order of the Government of the Slovak Republic No. 45/2002 Coll. on health protection at work with chemical substances.

Wording of important R-phrases from Section 2:

R 20/21/22 Harmful by inhalation , in contact with the skin and if consumed

R 23/24/25 Toxic by inhalation, in contact with skin and if consumed

R 34 Causes burns.

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

R 36/38 Irritating to the eyes and skin