



SAFETY DATA SHEET according to regulation EU1907/2006 (REACH)

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BORI lacquer stain - New Generation

Revision No.:3
Revision Date:19/01/12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product	BORI lacquer stain - New Generation
Item code(s):	404360, 404361, 471677, 471676, , 471667, 471668, 471669, 471670, 471671, 471672, 471673, 471674, 471675 Note: The following material codes are codes, without packaging, safety data sheet applies to all packages of those codes (the last two code digits on the label indicate packaging).

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use, scope:	Products for consumer consumption stains The product is used in consumer and professional use.
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1.3. Details of the supplier of the safety data sheet

Producer	HELIOS Tovarna barv, lakov in umetnih smol Količevo d.o.o. Količevo 65, 1230 DOMŽALE, SLOVENIJA tel. +386 1 722 40 00, fax. +386 1 722 43 10
Responsible person	Matija Podobnik, e-mail: matija.podobnik@helios.si

1.4. Emergency telephone number

Phone	In case of health hazard, consult a private or a doctor on duty. For additional information please call phone number +386 (1) 722 4383 HSE dept.).
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2. Hazards identification

2.1. Classification of the substance or mixture

Classification (EU 1272/2008)

Categories of danger	Hazard phrases (H-phrases)
	Material according to the criteria for the classification (in accordance with CLP-EU GHS, no. 1272/2008) is not classified as dangerous.

Classification (EU 1999/45)

Environment	The product does not mean special danger for the environment, if the recommendations for the removal from the Paragraph 13 are taken into consideration.
	According to the methodology of the Regulation on the classification, labelling and packing of dangerous substances (Chapter 15), THE

	PRODUCT IS NOT CLASSIFIED AS DANGEROUS.
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2.2. Label elements

Health	Environment	Physical-chemical
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Contains:	2-butanone oxime; Neodecanoic acid, cobalt salt May produce an allergic reaction.
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No R sentence is added to the preparation.

S 29 Do not empty into drains.

3. Composition/information on ingredients

3.2. Mixtures

Chemical composition:	Paint based on alkyd binder and pigments in organic solvents.
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Chemical Name	Concentration [weight %]	CAS EINECS EU INDEX	Classification (EU 1999/45)	Classification (REGULATION (EC) No. 1272/2008)
naphtha (petroleum), hydrotreated heavy	25-50	64742-48-9 265-150-3 649-327-00-6	R66 Xn; R65 Note P	Asp.Tox.1; H304
naphtha (petroleum), hydrotreated heavy	2.5-10	64742-48-9 265-150-3 -	Xn; R65 R10 R66 Note P	Asp.Tox.1; H304 Flam. Liq. 3; H226
2-butanone oxime	< 1.0	96-29-7 202-496-6 616-014-00-0	Xn; R21 Xn; R40 Xi; R41 Xi; R43	Acute Tox. 4; H312 Carc. 2; H351 Skin Sens. 1; H317 Eye Dam. 1; H318
Neodecanoic acid, cobalt salt	<0.5	27253-31-2 - -	Xn; R22 Xi; R43 N; R51/53	Acute Tox. 4; H302 Aquatic Chronic 2; H411 Skin Sens. 1; H317

Notes:	Note P: weight % of benzene in substance is lower than 0,1 wght. %, there is no carcinogenic classification The classification for the product was made on basis of actual content of components. The contained substances are shown in intervals. In case of inspection check (control of classification) we are ready to send to inspection bodies on their request the actual content of individual components.
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4. First aid measures

4.1. Description of first aid measures

In case of excessive inhalation:	If there are any symptoms transfer the victim to clean air.
In case of contact with skin:	Remove contaminated clothing. Wash skin with soap and water.

In case of contact with eyes:	Flush eyes with water to remove product residue.
In case of ingestion:	Do not eat. Rinse mouth with water. Do not induce vomiting.

5. Firefighting measures

5.1. Extinguishing media

Unsuitable extinguishing media:	Open water jet
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5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special equipment to protect firefighters:	There are no special features.
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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Provide good ventilation.
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6.2. Environmental precautions

Environmental precautions:	Prevent leakage into water, water dams, cellars, caves or sewage system.
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6.3. Methods and material for containment and cleaning up

Methods of cleaning up:	Dam up the outflow and mix the outflow product with soil, sand or other absorptive materials for liquids.
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7. Handling and storage

7.1. Precautions for safe handling

Personal precautions:	The product is not dangerous and does not require special handling. Assure the fulfillment of regulations of safety at work. Close the vessels with product. Do not eat or drink during the use.
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Advice on safe handling:	The product is not hazardous chemicals. Use good industrial practices and personal hygiene. Prevent contact with eyes and skin.
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7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

Packaging materials:	RECOMMENDED: The original manufacturer's packaging. UNSUITABLE: Do not use non-genuine and non-labeled containers.
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Storage Class:	3B (German VCI Guideline)
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8. Exposure controls/personal protection

8.1. Control parameters

The prescribed of threshold limit value (TLV) for occupational exposure to hazardous substances in the atmosphere post the Regulation on the safety of employees from risks against chemical substance exposure at work:

Chemical Name	TLV (mg/m ³)
naphtha (petroleum), hydrotreated heavy	1200
naphtha (petroleum), hydrotreated heavy	1200

8.2. Exposure controls

Respiratory protection:	Not needed.
Hand protection:	Special protection is not necessary, use protective gloves only at direct contact with the product At several contacts with the product use gloves made of nitril rubber with thickness 0,40 mm, in contact with drops of product (minor contacts) the gloves made of nitril rubber of thickness 0,11 mm.
Eye protection:	Not needed.
Skin protection:	Wear protective overalls made of cotton.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	Liquid
Colour:	Different colour shades
Odour:	Specific for organic solvents
pH:	N.A.
Boiling point:	193 °C; naphtha (petroleum), hydrotreated heavy
Flash point(°C):	66
Ignition point:	270 °C; naphtha (petroleum), hydrotreated heavy
Density (kg/l):	0.88 - 0.94 ISO 2811
Viscosity:	DIN4 20°C 25 - 45 s
Explosion limits lower (vol. %):	0.70
Explosion limits upper (vol.%):	6.00
Vapour pressure (Pa/20°C):	81 naphtha (petroleum), hydrotreated heavy
Contents of dry substance (wt. %):	58-62
Solubility in water:	Insoluble

10. Stability and reactivity

10.1. Reactivity

Reactivity:	Stable - when used in accordance with the instructions.
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10.2. Chemical stability

Stability:	The product is stable under conditions in accordance with the instructions and proper storage.
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10.3. Possibility of hazardous reactions

Hazardous conditions:	The presence of open flame or hazardous materials. Avoid contact of product with heat, sparks, flames and other ignition sources.
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10.4. Conditions to avoid

Unwanted conditions:	No data available
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10.5. Incompatible materials

Incompatibility:	The product is non-reactive and compatible with majority of substances, except with extreme oxidants. Keep the product in the original packaging. Do not mix with other products.
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11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity and evaluation of acute toxicity:

ORAL	No data available	
DERMAL	No data available	
INHALATIONAL	No data available	Method: Calculation method

Acute effects:

Irritation:

Skin:	May be present at very sensitive individuals.
Eyes:	Possible at very sensitive individuals.
Inhalation routes:	May be present at very sensitive individuals.

Hypersensitivity:

Skin:	Possible.
Eyes:	Possible.

Chronic effects:

Effects of repeated exposure:	None data known.
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12. Ecological information

12.1. Toxicity

Ecotoxicity - Data on components:	Product (based on the data component) is not classified as dangerous for the environment.
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Chemical Name	CAS No.	Ecotoxicity conc.
naphtha (petroleum), hydrotreated	64742-48-9	Aquatic LC50 (96h) fish > 1000.000 mg/l

heavy		Aquatic LC50 Daphnia > 1000.000 mg/l
naphtha (petroleum), hydrotreated heavy	64742-48-9	Aquatic LC50 (96h) fish > 1000.000 mg/l Aquatic LC50 Daphnia > 1000.000 mg/l

12.2. Persistence and degradability

Biodegradation	No data available
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12.3. Bioaccumulative potential

Bioconcentration:	No data available
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12.4. Mobility in soil

Mobility	No data
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12.5. Results of PBT and vPvB assessment

PBT and vPvB:	No data available
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12.6. Other adverse effects

Ecotoxicity - Data on components:	Based on the classification of components, product is not recognised to have adverse effects on the environment.
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13. Disposal considerations

13.1. Waste treatment methods

Product:	The product leftovers , waste and useless packaging should be handled in accordance with the Regulations on processing of special and dangerous waste (dir. 91/689/EEC, dir. 2000/532/EC).
Packaging:	In case the metal packaging can not be reused, it will be recycled in the ironworks or disposed at special deposits (dir. 94/62/EC, dir. 1999/177/EC).

14. Transport information

Transport by road/by railway - ADR/RID:

According to the regulations the product IS NOT CLASSIFIED AS DANGEROUS.

Transport by sea – IMDG:

According to the regulations the product IS NOT CLASSIFIED AS DANGEROUS.

Flash point(°C):	66
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Transportation by air (IATA):
 Under the current regulations product is not classified as dangerous.

15. Regulatory information

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

This Safety Data Sheet has been prepared in accordance with a comprehensive chemicals legislation - REACH Regulation on chemicals and the Regulation for classification, labeling and packaging (CLP/GHS).

The product is under the scope of Directive (EU 2004/42), "DECO VOC". Under the terms of directive, the product is classified into: A.e - Interior/exterior trim varnishes and woodstains, solvent-borne coatings (SB) 400 g/l

16. Other information

The importance of R and H phrases from Chapter 3:

- R 66 Repeated exposure may cause skin dryness or cracking.
- R 65 Harmful: may cause lung damage if swallowed.
- R 10 Flammable.
- R 21 Harmful in contact with skin.
- R 40 Limited evidence of a carcinogenic effect.
- R 41 Risk of serious damage to eyes.
- R 43 May cause sensitisation by skin contact.
- R 22 Harmful if swallowed.
- R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- H304 - May be fatal if swallowed and enters airways.
- H226 - Flammable liquid and vapour.
- H312 - Harmful in contact with skin.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H351 - Suspected of causing cancer.
- H302 - Harmful if swallowed.
- H411 - Toxic to aquatic life with long lasting effects.

The information in this Safety Data Sheet refer only to the mentioned product in the form as delivered and it is not necessary valid when this material is used in the combination with other materials or in the processes, which are not foreseen in the instructions for use. This information is correct to the supplier's best of knowledge and reliable at the time of the publication of this Safety data sheet. It is the user's responsibility to ascertain the suitability of the product for a specific use.

The data in this Safety data sheet do not prove the quality of the product, they are only the instructions for the safe use of the product with the user.

In case of non-compliance with the measures or incorrect use of the product , stated in the Safety data sheet we do not accept any responsibility for the consequences.