Printing date 04.10.2022 Version number 34 (replaces version 33) Revision: 30.03.2022 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: LABIR PAINT RAL9005 MAT DEEP BLACK 400 ML · Article number: ZCU001 - LABIR HERP-LT · 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. · Sector of Use SU21 Consumer uses: Private households / general public / consumers SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen) · Product category Paint remover · Process category PROC7 Industrial spraying PROC11 Non industrial spraying · Application of the substance / the mixture Paint · 1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: TIMI CREATION s.r.o. Morseova 1126/5 301 00 Plzeň, Czech Republic Tel: +420 705 108 018 Id. No.: 09121994 e-mail: jsroub@timic.cz · Further information obtainable from: Department Product Safety • 1.4 Emergency telephone number: UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111 IRL: Beaumont Hospital - National Poisons Information Centre: Tel: +353 1 8092566 **SECTION 2: Hazards identification** · 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 flame Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. Eve Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H336 May cause drowsiness or dizziness. · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. · Hazard pictograms GHS02 GHS07 (Contd. on page 2) Page 2/10

Safety data sheet according to 1907/2006/EC, Article 31

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Trade name: LABIR PAINT RAL9005 MAT DEEP BLACK 400 ML

Signal word Danger Hazard-determining components of labelling: acetone n-butyl acetate 2-methoxy-1-methylethyl acetate butan-1-ol Hazard statements H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. Precautionary statements P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P260 Do not breathe spray. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P501 Dispose of contents / container in accordance with regional regulations. Additional information: EUH066 Repeated exposure may cause skin dryness or cracking. Buildup of explosive mixtures possible without sufficient ventilation. EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. 2.3 Other hazards Res	Hazard-determining components of labelling:acetonen-butyl acetate2-methoxy-1-methylethyl acetatebutan-1-olHazard statementsH222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.H319Causes serious eye irritation.H336May cause drowsiness or dizziness.Precautionary statements
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Results of PBT and vPvB assessment	
	2.3 Other hazards
PBT: Not applicable.	Results of PBT and vPvB assessment
	PBT: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

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• Description: Mixture of substances listed below with nonhazardous additions.

• Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	25-<50%
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37	dimethyl ether	12.5-<20%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	10-<12.5%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane	5-<10%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	5-<10%
		(Contd. on page 3)

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ning < 0,1 % butadiene (203-450-8)) A, H220 np.), H280
aining < 0,1 % butadiene (203-450-8)) A, H220 np.), H280
e 2.5-<5% 51
e<2.5%
<2.5% 9, H226 , H318 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-

• Additional information:

CAS 9004-70-0: GB CLP Note T

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

• 4.1 Description of first aid measures

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- · After eye contact:

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- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed
- No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** *No further relevant information available.*

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- \cdot 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters -
- · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures
- Ensure adequate ventilation
- Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

• 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

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- 6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
- 6.4 Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
- Information about fire and explosion protection: Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Keep respiratory protective device available.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Observe official regulations on storing packagings with pressurised containers.
- Information about storage in one common storage facility: Not required.
- $\cdot \textit{Further information about storage conditions: Keep container tightly sealed.}$
- · Storage class: 2 B
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters · Ingredients with limit values that require monitoring at the workplace: 67-64-1 acetone WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm 115-10-6 dimethyl ether WEL Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm 123-86-4 n-butyl acetate WEL Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm 108-65-6 2-methoxy-1-methylethyl acetate WEL Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk 106-97-8 butane (containing < 0,1 % butadiene (203-450-8)) WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene) 13463-67-7 titanium dioxide WEL Long-term value: 10* 4** mg/m³ *total inhalable **respirable 71-36-3 butan-1-ol WEL Short-term value: 154 mg/m³, 50 ppm Sk (Contd. on page 5)

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- Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see item 7.
- · Individual protection measures, such as personal protective equipment

• General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Avoid contact with the eyes.

· Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

· Hand protection



Protective gloves

· Material of gloves

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

 \cdot Penetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to: Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance of

measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

· Eye/face protection



Tightly sealed goggles

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties • General Information
- · Physical state
- · Colour:
- · Odour:
- · Odour threshold:
- Melting point/freezing point:
- Boiling point or initial boiling point and boiling range
- · Flammability

Aerosol Different according to colouring Solvent-like Not determined. Undetermined.

Not applicable, as aerosol. Not applicable.

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	(Contd. of page
Lower and upper explosion limit	
Lower:	1.2 Vol %
· Upper:	26.2 Vol %
Flash point:	Not applicable, as aerosol.
Ignition temperature:	$240 \ ^{\circ}C \ (464 \ ^{\circ}F)$
Decomposition temperature:	Not determined.
pH	Mixture is non-soluble (in water).
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
	4000 hPa (3000.2 mm Hg)
• Vapour pressure at 20 \bullet C (68 \bullet F):	4000 hFu (5000.2 mm Hg)
Density and/or relative density	0.8 - (3)(6.7)(1 - (1))
Density at 20 °C (68 °F):	$0.8 \ g/cm^3 \ (6.7 \ lbs/gal)$
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of health an	d
environment, and on safety.	
Explosive properties:	Not determined.
Solvent content:	
Organic solvents:	87.5 %
Water:	0.2 %
· VOC (EC)	
	668.8 g/l
VOC-EU%	87.50 %
Solids content:	8.2 %
Change in condition	
Evaporation rate	Not applicable.
	**
Information with regard to physical hazard classe Explosives	S Void
Flammable gases	Void
Aerosols	
ACTUSUIS	Extremely flammable aerosol. Pressurised container:
	May burst if heated.
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable	
gases in contact with water	Void
Oxidising liquids	Void
• Oxidising solids	Void
Organic peroxides	Void
• Corrosive to metals	Void
Desensitised explosives	Void
Desensuiseu explosives	voiu

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SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

• 10.3 Possibility of hazardous reactions No dangerous reactions known.

• 10.4 Conditions to avoid No further relevant information available.

- \cdot 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

· Acute i	toxicity
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· LD/LC50 v	· LD/LC50 values relevant for classification:		
67-64-1 ac	67-64-1 acetone		
Oral	LD50	5800 mg/kg (rat)	
Dermal	LD50	>15800 mg/kg (rabbit)	
Inhalative	LC50 / 4h	76 mg/l (rat)	
123-86-4 n	-butyl aceta	ite	
Oral	LD50	10800 mg/kg (rat) (OECD 401)	
Dermal	LD50	>17600 mg/kg (rabbit)	
Inhalative	Inhalative LC50/4 h >21 mg/m3 (rat)		
108-65-62	108-65-6 2-methoxy-1-methylethyl acetate		
Oral	LD50	8530 mg/kg (rat)	
Dermal	Dermal LD50 >5000 mg/kg (rabbit)		
Inhalative	Inhalative LC50 / 4 h >10000 mg/m3 (rat)		
71-36-3 bu	71-36-3 butan-1-ol		
Oral	LD50	2292 mg/kg (rat)	
Dermal	LD50	3430 mg/kg (rabbit)	
Inhalative	LC50 / 4 h	17000 mg/m3 (rat)	
	· Skin corrosion/irritation No irritant effect.		
-	· Serious eye damage/irritation Causes serious eye irritation.		
		nsitisation No sensitising effects known.	
	• STOT-single exposure May cause drowsiness or dizziness. • 11.2 Information on other hazards		

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

*

Aquatic toxicity:	
1	
67-64-1 acetone	
LC50/96h 8300 mg/l (fish)	
EC50/96h 7200 mg/l (algae)	
LC50 / 48 h 8450 mg/l (crustacean (water flea))	

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115-10-6	dimethyl	ether

- EC50 / 96 h 155 mg/l (algae)
- LC50/48 h >4000 mg/l (daphnia magna)
- *LC50 / 96 h* >4000 mg/l (fish)
- 108-65-6 2-methoxy-1-methylethyl acetate
- EC50 / 48 h >500 mg/l (daphnia magna)
- LC50 / 96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)
- 71-36-3 butan-1-ol
- LC50/96 h 1376 mg/l (fish)
- · 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties
- The product does not contain substances with endocrine disrupting properties.
- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

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Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations. Disposal must be made according to official regulations.

· 14.1 UN number or ID number		
· ADR, IMDG, IATA	UN1950	
· 14.2 UN proper shipping name		
·ADR	1950 AEROSOLS	
· IMDG	AEROSOLS	
·IATA	AEROSOLS, flammable	
· 14.3 Transport hazard class(es) · ADR		
· Class	2 5F Gases.	

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T .1.1	(Contd. of pa
Label	2.1
IMDG, IATA	
Class Label	2.1 Gases. 2.1
· 14.4 Packing group · ADR, IMDG, IATA	not regulated
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Warning: Gases.
• Hazard identification number (Kemler code):	-
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1
	litre: Category A. For AEROSOLS with a maximum capacity of I
	above 1 litre: Category B. For WASTE AEROSOLS:
	Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1
	litre:
	Segregation as for class 9. Stow "separated from" cla 1 except for division 1.4.
	<i>For AEROSOLS with a capacity above 1 litre:</i>
	Segregation as for the appropriate subdivision of cla
	2.
	For WASTE AEROSOLS: Segregation as for the appropriate subdivision of ela
	<i>Segregation as for the appropriate subdivision of cla2.</i>
14.7 Maritime transport in bulk according to IM	
instruments	Not applicable.
Transport/Additional information:	
ADR	17
Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E0
Excepted quantities (EQ)	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
IMDG	
Limited quantities (LQ)	
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity Code: E0
	Not permitted as Excepted Quantity
· UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1
On model Regulation :	ON 1950 ALNOSOLS, 2.1

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SECTION 15: Regulatory information

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

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P3a FLAMMABLE AEROSOLS

 \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

• Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

· LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (UK ANNEX XIV)

· Regulation (EC) No 273/2004 on drug precursors

67-64-1 acetone

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

- H201 Explosive; mass explosion hazard.
- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.

EUH066 Repeated exposure may cause skin dryness or cracking.

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Expl. 1.1: Explosives – Division 1.1

Flam. Gas 1A: Flammable gases – Category 1A Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

 \cdot * Data compared to the previous version altered.

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