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Trade Name: ANODIZED BLACK

1.1 Product identifier:	the mixture and the company/undertaking		
Trade Name:	ANODIZED BLACK		
Mixture description:	Solvent coating (aerosol).		
	mixture or mixture and uses advised against:		
Identified uses:	Paint, surface treatment.		
Uses advised against:	Recommended for identified uses.		
1.3 Details of the supplier of the sa GOX7-EUROPE s.r.o. Chlumčanská 396 439 02 Cítoliby Czech Republic Tel.:+420 777 691 661 competent person responsible for	-		
1.4 Emergency telephone number: 112 (General emergency phone).			
SECTION 2: Hazards identific	ation		
The mixture is classified as danger	ous as follows:		
2.1 Classification of the mixture:			
Aerosol 1; H222, H229 according to 1272/2008/EC Eye Irrit. 2; H319 STOT SE 3; H336			
Full text of H-phrases: see sectior	ו 16.		
The most important adverse ph	ysicochemical, human health and environmental effects:		
Extremely flammable aerosol. Pre	essurised container: May burst if heated. Causes serious eye irritatior ss. Repeated exposure may cause skin dryness or cracking.		
2.2 Label elements:			
hazard pictograms			
signal word	Danger.		
ingredients of the mixture to be labeled	Contains acetone, 2-butanone, <i>n</i> -butyl-acetate, 2-butoxyethanol.		
hazard statements	 H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. 		
precautionary statements	 P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P403 Store in a well-ventilated place. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P280 Wear protective gloves/protective clothing/eye protection. 		

SAFETY DATA SHEET				
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	terreneret: mee evee elle	~ F0 °C		

	temperatures exceeding 50 °C.
P501	Dispose of contents/container at the site of hazardous
	waste collection in the village.

 SAFETY DATA SHEET

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supplemental hazard info	ormation	EUH066 Repeated exp cracking. VOC: 91%	oosure may cau	use skin dryness or
2.3 Other hazards:				
The mixture meets not the	e criteria for P	BT or vPvB.		
SECTION 3: Composit 3.2 Mixtures 3.2.1 Substances presentin		-		re
Chemical identity	CAS	EC-No. Registration No.	Content **) (wt. %)	Classification 1272/2008/EC
acetone	67-64-1	200-662-2 not available	approx. 25	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066
petroleum gases, liquefied (LPG) *)	68476-85-7	, 270-704-2 not available	approx. 25	Flam. Gas 1; H220 Press. Gas (Liq.); H280
<i>n</i> -butyl-acetate	123-86-4	204-658-1 not available	11 - 14	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066
2-butoxyethanol; ethylene glycol monobutyl ether	111-76-2	203-905-0 not available	approx. 5	Acute Tox. 4; H302+H312+H332 Eye Irrit. 2; H319 Skin Irrit. 2; H315
2-methoxy-1-methylethyl acetate	108-65-6	203-603-9 not available	approx. 4	Flam. Liq. 3; H226 STOT SE 3; H336
2-butanone; ethyl methyl ketone	78-93-3	201-159-0 not available	2 - 4	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066
4-methylpentan-2-one; isobutyl methyl ketone	108-10-1	203-550-1 not available	0 - 3	Flam. Liq. 2; H225 Acute Tox. 4; H332 Eye Irrit. 2; H319 STOT SE 3; H335 EUH066
ethyl-acetate	141-78-6	205-500-4 not available	0 – 2	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066
xylene	1330-20-7	215-535-7 not available	< 0,3	Flam. Liq. 3; H226 Acute Tox. 4; H312+H332 Eye Irrit. 2; H319 Skin Irrit. 2; H315 STOT SE 3; H335 STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412
methanol	67-56-1	200-659-6 not available	< 0,3	Flam. Liq. 2; H225 Acute Tox. 3; H301+H311+H331 STOT SE 1; H370

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ethylbenzene	100-41-4	202-849-4 not available	< 0,3	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Acute Tox. 4; H332 STOT RE 2; H373 Aquatic Chronic 3; H412
2-methylpropan-1-ol; iso-butanol	78-83-1	201-148-0 not available	< 0,3	Flam. Liq. 3; H226 STOT SE 3; H336 STOT SE 3, H335 Eye Dam. 1; H318 Skin Irrit. 2: H315

*) Contains less than 0.1% of 1,3-butadiene; **) see section 16 classification procedure.

3.2.2 Impurities, stabilising aditives, constituents other than the main constituent

Chemical identity	CAS	EC-No. Registration No.	Content **) (wt. %)	Classification 1272/2008/EC
(2-methoxymethylethoxy) propanol	34590-94-8	252-104-2 not available	cca 13	not classified
acrylic resin	113041-34-2	not available	< 7	not classified
Carbon Black	1333-86-4	215-609-9 not available	< 1	not classified

SECTION 4: First aid measures

Keep the person at physical and mental rest and warm. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

4.1 Description of first aid measures:

Inhalation:

Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention. Place unconscious person on the side in the recovery position and ensure breathing can take place.

Skin contact:

Remove contaminated clothing immediately and wash skin with soap and water. Do not use solvents or thinners.

Eye contact:

Flush thoroughly with water. Remove contact lenses if present after the first 5 minutes and continue flushing for several more minutes (least 15 minutes). Get medical attention.

Ingestion:

Unlikely (aerosol). If this nevertheless happens, rinse out mouth with clean water. Do not induce vomiting. Get medical attention immediately. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

4.2 Most important symptoms and effects, both acute and delayed:

Overexposure may result in light headedness, staggering gait, dizziness, and possible nausea. May cause severe eye irritation. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness and possible contact dermatitis. Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane irritation and adverse effects on the kidneys, liver and central nervous system.

4.3 *Indication of any immediate medical attention and special treatment needed:* Treat symptomatically and supportively.

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SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Use water fog, dry chemical, carbon dioxide or foam.

Extinguishing media which shall not be used for safety reasons:

Solid streams of water may be ineffective. Burning product will float on the surface and spread fire.

5.2 Special hazards arising from the substance:

Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Vapours are heavier than air and may travel along surfaces to remote ignition sources and flash back. Combustion will produce oxides of carbon and hydrocarbons.

5.3 Advice for fire-fighters:

In the event of fire, wear self-contained breathing apparatus and clothing protective against chemicals. Keep extinguishing aerosols away from the danger area, if possible without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Use non-sparking tools, avoid electrostatic charge. Other protective measures - see section 7.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Do not allow to enter waters or soil. Report spills to authorities as required.

6.3 Methods and material for containment and cleaning up:

Aerosol, mainly local air pollution will occur. If, however, a liquid fraction is leaking, absorb spillage using an absorbent, such as earth, sand or vermiculite. Place in container for disposal according to local regulations (see section 13). Pump off larger quantities. Use non-sparking tools. Afterwards ventilate area and wash spill site.

6.4 Reference to other sections:

Protective equipment: see section 8. Dispose according to the section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Provision of very good ventilation in the working area. Vapour/air mixtures are heavier than air. Adequate ventilation at the floor area must be ensured as well. Eye bath required. These locations must be signposted clearly. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge. Keep containers tightly sealed. Prevent formation of aerosols. Do not use any tools that cause sparks.

When using, do not eat, drink or smoke. Wash hands with warm water and soap before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities:

Store in original tightly closed packing in dry and well-ventilated areas. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: 5 - 30 °C. Keep away from direct sunlight.

7.3 Specific end use(s):

In household and industry.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Exposure limit value in UK:

<u>LPG:</u>

acetone:

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	8 h: 1750 mg/m ³	short: 2180 mg/m ³	8 h: 1210 mg/m ³	short: 3620 mg/m ³
	<u><i>n</i>-butyl-acetate:</u>		ethyl-acetate:	
	8 h: 724 mg/m³,	short: 966 mg/m ³	8 h: 730 mg/m ³	short: 1460 mg/m ³
	2-butoxyethanol:		4-methylpentan-2-one:	
	8 h: 123 mg/m³,	short: 246 mg/m ³	8 h: 208 mg/m ³ ,	short: 416 mg/m ³
	<u>2-butanon:</u>		<u>iso-butanol:</u>	
	8 h: 600 mg/m³	short: 899 mg/m ³	short: 154 mg/m ³	
	ethylbenzene:		2-methoxy-1-methyleth	<u>yl acetate:</u>
	8 h: 441 mg/m³,	short: 552 mg/m ³	8 h: 274 mg/m³,	short: 548 mg/m ³
	<u>xylene:</u>		methanol:	
	8 h: 220 mg/m³,	short: 441 mg/m ³	8 h: 266 mg/m³,	short: 333 mg/m ³
	(2-methoxymethylet)	<u>hoxy) propanol:</u>	Carbon Black:	
	8 h.: 308 mg/m3,		8 h: 3,5 mg/m³,	short: 7 mg/m ³
•	· · · · · · · · · · · · · · · · · · ·	_		

8.1.2 DNEL/PNEC: for acetone

DNEL (oral, long-term, general population): 62 mg/kg (body weight/day, systemic effect) DNEL (dermal, long-term, general population): 62 mg/kg (body weight/day, systemic effect) DNEL (dermal, long-term, workers): 186 mg/kg (body weight/day, systemic effect) DNEL (inhalation, long-term, workers): 1210 mg/m³ (systemic effect) DNEL (inhalation, acute, workers): 2420 mg/m³ (local effect) DNEL (inhalation, long-term, general population): 200 mg/m3 (systemic effect) PNEC fresh water 10,6 mg/l 3,04 mg/l **PNEC** seawater 30,4 mg/kg PNEC fresh water sediment 0,142 mg/kg PNEC sediment sea PNEC intermittent discharge 21 mg/l PNEC soil 29.5 mg/kg PNEC STP 100 mg/l 8.2 Exposure controls 8.2.1 Exposure reduction (technical measures): Where exposure cannot be prevented by other means the use of individual protection measures, such as personal protection equipment is necessary. Ensure adequate ventilation of the workplace. Regularly measure the concentration of this agent in the workplace atmosphere. 8.2.2 Individual protection measures, such as personal protective equipment: Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier. Workers in the risky process/areas identified should be trained. Required when vapours/aerosols are generated (recommended filter type A) and where risk assessment shows air-purifying Respiratory protection: respirators are appropriate use. Handle with gloves, e.g. nitril-rubber, strength > 0.55 mm, Hand protection: penetration time > 480 min.; leather is not suitable. Eye/face protection: chemical safety goggles suitable protective clothing Skin protection: 8.2.3 Environmental exposure reduction: Uncontrolled escape of substance/formulation into environment is to be avoided. SECTION 9: Physical and chemical properties

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9.1 Information on ba Appearance (at 20 °C	******	aerosol	
Colour:			
		depending on the colour of the pigment characteristic	
Odour:		not available	
Odour threshold:			
рН (at 20 °С):		not available	
Melting point/freezin		not available	
Boiling point (range)	:	not available	
Flash point:		< -18 °C (propellant gas)	
Evaporation rate:		not available	
Flammability:		flammable mixture	
Explosive limits	lower: (% vol.) upper: (% vol.)	1,8 (propellant gas) 12,8 (propellant gas)	
Vapour pressure: (2	0 °C)	not available	
Vapour density:		not available	
Relative density:		not available	
Solubility in water (not available	
Partition coefficient:	n-octanol/water:	not available	
Auto-ignition tempe	rature:	not available	
Decomposition temp	perature:	not available	
Viscosity:		not available	
Explosive properties:		non-explosive	
Oxidising properties:		none	
9.2 Other information	1		
not known			
SECTION 10: Stabil	ity and reactivity		
10.1 Reactivity:	ity and reactivity		
Low reactivity.			
10.2 Chemical stability: Stable under recomm		ons.	
10.3 Possibility of haza	-		
Not known.			
10.4 Conditions to avoi	d:		
		er temperatures (over 50 ° C) and direct sunlight, risk of the presence of a source of ignition.	
10.5 Incompatible mate Strong oxidizing agen			
10.6 Hazardous decom	position products:		
Carbon oxides.			
SECTION 11. Toxic	ological informat	ion	
SECTION 11: Toxic	-	<u>1011</u>	
11.1 Information on tox Acute toxicity:	icological effects:		
- LD₅₀ oral, rat (mg.kg	-1):	ATE mixture > 2000 (2-butoxyethanol LD50 = 1300, for methanol ATE=300)	
- LD50 skin, rat or rabb	pit (mg.kg ⁻¹):	ATE $_{mixture} > 2000$ (ATE components used according to CLP Table 3.1.2, as the laboratory data obtained do not correspond to the harmonized classification)	

correspond to the harmonized classification)

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- LC₅₀ inhalation, rat, gas or vapour (mg.l¹):	ATE $_{mixture}$ > 20 (LC50 ethylbenzen = 17,6, MIBK = 11,6; for ingredients with LD50 > 20 but classified with H332, ATE was used according to tab. 3.1.2 CLP)
Skin corrosion/irritation:	does not reach the limit for classification
Serious eye damage/irritation:	irritant, cat. 2
Respiratory or skin sensitisation:	no
Germ cell mutagenicity:	no
Carcinogenicity:	no
Reproductive toxicity:	no
STOT-single exposure:	may cause drowsiness or dizziness
STOT-repeated exposure:	may cause skin dryness and cracking
Aspiration hazard:	no
Additional information: not known	

SECTION 12: Ecological information

12.1 Toxicity:	
- LC₅₀ 96 H, fish (mg.l¹):	no data available
- EC₅₀ 24 H, Daphnia (mg.l¹):	no data available
- IC₅₀ 72 H, algae (mg.Ґ¹):	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:	product is neither a PBT nor a vPvB substance

12.6 Other adverse effects:

Classification according to additional method of CLP.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Disposal methods of the substance and the contaminated packaging:

Fully use the aerosol. Do not take the unused product into the collection or other disposal. Do not throw into the fire! Dispose of the packaging after full emptying. Never remove it by draining into drains! The waste producer is responsible for sorting waste and disposing of. Potential EU waste-code 08 01 11 for container, 15 01 10 for mixture.

Physical/chemical properties that may affect waste treatment options: Extremely flammable.

Union provisions relating to waste:

- directive 2008/98/EC

SECTION 14: Transport Information

14.1 UN number:	1950
14.2 UN proper shipping name:	
- ADR/RID/IMDG/IATA	AEROSOLS, flammable
14.3 Transport hazard class(es):	2
14.4 Packing group:	-
14.5 Environmental hazards:	no
14.6 Special precautions for user:	none
14.7 Transport in bulk according to Annex II of	not available

according to	Regulation N	SAFETY DAT	-	ent and of the Council	
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MARPOL and the	BC Code:				
ADR/RID:			.i		
- classification code	9		5F		
- labels			2.1		
- hazard identificati	on code		-		
- tunnel restriction of	code		D		
IMDG:					
- EmS			F-D, S-U		
SECTION 15: Regu	ulatory info	rmation			
 15.1 Safety, health and Regulation No. 1907 Regulation No. 127 15.2 Chemical safety a No data available. 	/2006/ES, RE 2/2008/ES, C	ACH.	isiauon specific f	or the mixture:	
SECTION 16: Othe	r informati	on			
		<u>on</u>			
Reason for alteration First edition.	on:				
Key or legend to al	breviations	and acronyms used	d in the safety dat	ta sheet:	
Flam Gas 1	flammable	gas, cat. 1	-		
Press. Gas (liq.)	-	pressure (liquefied)			
Flam. Liq. 3		liquid, cat. 3			
Flam. Liq. 2 Asp. Tox. 1		liquid, cat. 2 toxicity, cat. 1			
Aerosol 1	•	mable aerosol			
STOT SE 3	specific ta	get organ toxicity aft	ter single exposure	e, cat. 3	
Aquatic Chronic 3	hazardous	to the aquatic enviro	onment, long term,	cat. 3	
Skin Irrit. 2	•	r skin, cat. 2			
Eye Irrit. 2	-	r eyes, cat. 2			
Acute Tox. 4 Acute Tox. 3	acute toxic acute toxic	•			
STOT RE 2		get organ toxicity aft	ter repeated expos	ure. cat. 2	
STOT SE 1		get organ toxicity aft			
Eye Dam. 1	eye dama	je, cat. 1			
NOEC	No Observ	ed Effect Concentration	tion		
PBT		bioaccumulative, to			
vPvB	•	stent and Very Bioac	ccumulative chemic	cal	
DNEL PNEC		Effect Level	tion		
PNEC Predicted No Effect Conce CLP regulation No. 1272/2008/B					
REACH regulation No. 1907/2006/E					
bw	body weig				
Sources of key dat Chemical databases			ta Sheet:		
List of H-phrases:		-			
H222	Extremelv	flammable aerosol.			
H229	•	d container: May bu	rst if heated.		
H280	-	as under pressure; r	may explode if hea	ted.	
H226	Flammable	e liquid and vapour.			

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H225	Highly flammable liquid and vapour.		
H220	Extremely flammable gas.		
H304	May be fatal if swallowed and enters airways.		
H336	May cause drowsiness or dizziness.		
H412	Harmful to aquatic life with long lasting effects.		
H315	Causes skin irritation.		
H319	Causes serious eye irritation.		
H335	May cause respiratory irritation.		
H332	Harmful if inhaled.		
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled		
H312+H332	Harmful in contact with skin or if inhaled.		
H318	Causes serious eye damage.		
H301+H311+H331	Very toxic if swallowed, in contact with skin or if inhaled		
H370	Causes damage to organs.		
H373	May cause damage to organs through prolonged or repeated exposure.		
EUH066	Repeated exposure may cause skin dryness or cracking.		
P102	Keep out of reach of children.		
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.		
P403	Store in a well-ventilated place.		
P211	Do not spray on an open flame or other ignition source.		
P251	Do not pierce or burn, even after use.		
P280	Wear protective gloves/protective clothing/eye protection.		
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.		
P501	Dispose of contents/container at the site of hazardous waste collection in the		
	village.		
<i>Training advice:</i> According to MSDS.			
Delevent infermatio	n for close if incline		

Relevant information for classification:

**) According to additional method of CLP. For classification, concentrations stated in Section 3 were recalculated according to article 1.1.3.7 of Annex I to CLP.