

**Product no.: 0067388** 

Current version: 2.0.2, issued: 19.05.2020 Replaced version: 2.0.1, issued: 25.09.2019 Region: GB

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name

# einzA mix Bunt Hochglanzlack 2010, Basis 3 einzA mix Bunt Hochglanzlack, Basis 3

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

Relevant identified uses of the substance or mixture

decorative paints/finishes

#### Uses advised against

No data available.

#### 1.3 Details of the supplier of the safety data sheet

#### **Address**

einzA Farben GmbH & Co KG

Junkersstraße 13 30179 Hannover

Telephone no. +49 (0)511 67490-0 Fax no. +49 (0)511 67490-20 e-mail info@einzA.com

#### **Advice on Safety Data Sheet**

sdb info@umco.de

#### 1.4 Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Flam. Liq. 3; H226

#### **Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

#### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

#### **Hazard pictograms**



GHS02

#### Signal word

Warning

#### Hazard statement(s)

H226 Flammable liquid and vapour.

Hazard statements (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.



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#### Precautionary statement(s)

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P370+P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

to extinguish.

P501 Dispose of contents/container to a facility in accordance with local and national

regulations.

#### 2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

#### **SECTION 3: Composition/information on ingredients**

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

#### Hazardous ingredients

No	Substance name		Additi	onal information	n	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conce	entration		%
	REACH no					
1	Hydrocarbons, C9-	C11, n-alkanes, isoalkanes, cyclics, <2%				
	aromatics					
	64742-48-9	Asp. Tox. 1; H304	>=	10.00 - <	25.00	%-b.w.
	919-857-5	EUH066				
	-	Flam. Liq. 3; H226				
	01-2119463258-33	STOT SE 3; H336				
2	Hydrocarbons, C10	0-C13, n-alkanes, isoalkanes, cyclics, <2%				
	aromatics					
	-	Asp. Tox. 1; H304	>=	10.00 - <	25.00	%-b.w.
	918-481-9	EUH066				
	-					
	01-2119457273-39					
E	Tayet fam all I I mbussass	and FULL phrases; places section 16				

Full Text for all H-phrases and EUH-phrases: pls. see section 16

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

#### **General information**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

#### After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

#### After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

#### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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



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No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

#### Suitable extinguishing media

Alcohol resistant foam, CO2, powders, water spray

#### Unsuitable extinguishing media

water jet.

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2); Toxic pyrolysis products; Exposure to decomposition products may cause a health hazard.

#### 5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. Appropriate breathing apparatus may be required.

#### **SECTION 6: Accidental release measures**

#### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

#### 6.2 Environmental precautions

Is not allowed to be released into the sewerage or water courses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

#### 6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

#### 6.4 Reference to other sections

No data available.

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

#### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet [sanding]/[flatting] should be used wherever possible. Avoid inhalation of dust from sanding. For personal protection see section 8.

#### General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

#### Advice on protection against fire and explosion

Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.



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#### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Comply with legal health and safety regulations; Prevent unauthorised access. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition. No smoking.

#### Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

#### Incompatible products

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

#### 7.3 Specific end use(s)

No data available.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### **DNEL, DMEL and PNEC values**

#### **DNEL values (worker)**

No	Substance name	CAS / EC no			
	Route of exposure	Exposure time	Effect	Value	
1	Hydrocarbons, C9-C11, n	64742-48-9			
				919-857-5	
	dermal	Long term (chronic)	systemic	300	mg/kg/day
	inhalative	Long term (chronic)	systemic	1500	mg/m³

#### **DNEL value (consumer)**

No	Substance name	CAS / EC no			
	Route of exposure	Exposure time	Effect	Value	
1	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics		64742-48-9		
				919-857-5	
	oral	Long term (chronic)	systemic	300	mg/kg/day
	dermal	Long term (chronic)	systemic	300	mg/kg/day
	inhalative	Long term (chronic)	systemic	900	mg/m³

#### 8.2 Exposure controls

#### Appropriate engineering controls

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

#### Personal protective equipment

#### Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. In case of brush application: Filter A2. When applied by spraying: Filter A2P2. (DIN EN 14387)

#### Eye / face protection

Wear safety googles to protect against splashes. Safety glasses with side protection shield (EN 166)

#### **Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid



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permanent use of protective gloves.

Appropriate Material In case of short-term contact / splash protection: nitrile rubber

Material thickness>0.4mmBreakthrough time>120minAppropriate MaterialIn case of prolonged exposure: nitrile rubberMaterial thickness>0.4mmBreakthrough time>480min

Other

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

#### **Environmental exposure controls**

Do not allow to enter drains or water courses.

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Form/Colour	
liquid	
according to product name	

Odour	
of solvents	

Odour threshold	
No data available	

pH value	
No data available	

Boiling point / boiling range			
Value	>	120	°C
Reference substance	solvent mixture		

Melting point / melting range	
No data available	

## Decomposition point / decomposition range No data available

Flash point						
Value	46	-	50	°C		
Method	closed cup					

Ignition temperature				
Value	>	200	°C	
Reference substance	solvent mixture			

Auto-ignition temperature	
No data available	

## Oxidising properties Not applicable

Explosive properties	
No data available	

Flammability (solid, gas)	
Not applicable	

Lower flammability or explosive limits			
Value	>	0.6	% vol
Reference substance	solvent mixture		

Upper flammability or explosive limits			
Value	<	7.5	% vol
Reference substance	solvent mixture		



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Vapour pressure			
Value	<	100	hPa
Reference temperature		50	°C
Reference substance	solvent mixture		

# Vapour density No data available

Evaporation rate
No data available

Relative density	
No data available	

Density		
Value	0.91 - 1.22 g/cm³	
Reference temperature	20 °C	
Method	DIN 51757	

Solubility in water	
Comments	immiscible

Solubility(ies)	
No data available	

Partition coefficient: n-octanol/water	
No data available	

Viscosity			
Value	42 - 46 sec		
Reference temperature	20 °C		
Method	DIN EN 2431 (6 mm)		

Solvent separation test				
Value	<	3	%	
Reference temperature		20	°C	

#### 9.2 Other information

Other information	
No data available.	

#### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

Stable under recommended storage and handling conditions (See section 7).

#### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

#### 10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

#### 10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

#### 10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

#### 10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

#### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### Acute oral toxicity



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No	Substance name		CAS no.		EC no.
	Hydrocarbons, C9-C11, n-alkanes, isoall cyclics, <2% aromatics	canes,	64742-48-9		919-857-5
LD5	· · · · · · · · · · · · · · · · · · ·	>		5000	mg/kg bodyweight
Spec	cies	rat			0 0 7 0
Meth	nod	OECD 401			
Soul	rce	ECHA			

Acu	Acute dermal toxicity					
No	Substance name		CAS no.		EC no.	
1	Hydrocarbons, C9-C11, n-alkanes, isoalk cyclics, <2% aromatics	anes,	64742-48-9		919-857-5	
LD5	0	>		2000	mg/kg bodyweight	
Spe	cies	rabbit				
Met	nod	OECD 402				
Sou	rce	ECHA				

## Acute inhalational toxicity No data available

Skir	Skin corrosion/irritation					
No	Substance name		CAS no.	EC no.		
1	Hydrocarbons, C9-C11, n-alkanes, isoalk	anes,	64742-48-9	919-857-5		
	cyclics, <2% aromatics					
Spe	cies	rabbit				
Meth	nod	OECD 404				
Soul	Source					
Eval	Evaluation					

Seri	Serious eye damage/irritation				
No	o Substance name		CAS no.	EC no.	
1	Hydrocarbons, C9-C11, n-alkanes, isoalk	anes,	64742-48-9	919-857-5	
	cyclics, <2% aromatics				
Spe	cies	rabbit			
Meth	hod	OECD 405			
Soul	rce	ECHA			
Eval	luation	non-irritant			

Res	Respiratory or skin sensitisation				
No	Substance name		CAS no.	EC no.	
1	Hydrocarbons, C9-C11, n-alkanes, isoall	kanes,	64742-48-9	919-857-5	
	cyclics, <2% aromatics				
Rout	te of exposure	Skin			
Spec	cies	guinea pig			
Meth	nod	OECD 406			
Sour	Source				
Eval	Evaluation		ng		

# Germ cell mutagenicity No data available

Reproduction toxicity	
No data available	

	Carcinogenicity
Į	No data available

STOT - single exposure	
OTOT - Silligic exposure	
No data available	

STOT - repeated exposure	
No data available	

Aspiration hazard	
No data available	



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#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

Toxi	Toxicity to fish (acute)					
No	Substance name		CAS no.		EC no.	
1	Hydrocarbons, C9-C11, n-alkanes, isoall	kanes,	64742-48-9		919-857-5	
	cyclics, <2% aromatics					
LL50	0	>		1000	mg/l	
Duration of exposure				96	h	
Species		Rainbow trout				
Method		OECD 203				
Source		ECHA				

### Toxicity to fish (chronic)

No data available

Toxi	Toxicity to Daphnia (acute)					
No	Substance name		CAS no.		EC no.	
1	Hydrocarbons, C9-C11, n-alkanes, isoall	kanes,	64742-48-9		919-857-5	
	cyclics, <2% aromatics					
EL50	)	>		1000	mg/l	
Dura	ation of exposure			48	h	
Species		Daphnia mag	gna			
with reference to		WAF (water	accommodated	fractions)		
Method   O		OECD 202				
Soul	rce	ECHA				

#### **Toxicity to Daphnia (chronic)**

No data available

Toxi	icity to algae (acute)				
No	Substance name		CAS no.	EC no	0.
1	Hydrocarbons, C9-C11, n-alkanes, isoall	kanes,	64742-48-9	919-8	57-5
	cyclics, <2% aromatics				
EL50	0	>	10	000	mg/l
Duration of exposure			72	<u>)</u>	h
Species		Pseudokirchr	eriella subcapitata		
with reference to		WAF (water a	accommodated frac	ctions)	
Method		OECD 201			
Sou	rce	ECHA			

#### Toxicity to algae (chronic)

No data available

Bacteria toxicity	
No data available	

#### 12.2 Persistence and degradability

Bio	degradability		
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C9-C11, n-alkanes, isoalkanes,	64742-48-9	919-857-5
	cyclics, <2% aromatics		



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Method	OECD 301 F
Source	ECHA
Evaluation	readily biodegradable

#### 12.3 Bioaccumulative potential

No data available.

#### 12.4 Mobility in soil

No data available.

#### 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

#### 12.6 Other adverse effects

No data available.

#### 12.7 Other information

Other information	
Do not allow to enter drains or water courses.	

#### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

**Product** 

Waste code 08 01 11\* waste paint and varnish containing organic solvents or other hazardous

substances

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company. Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

#### **Packaging**

Class

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Empty containers must be scrapped or reconditioned.

#### **SECTION 14: Transport information**

#### 14.1 Transport ADR/RID/ADN

Classification code F1
Packing group III
Hazard identification no. 30
UN number UN1263
Proper shipping name PAINT
Tunnel restriction code D/E
Label 3

Comments Containers with a capacity <= 450 ltrs are not subject to ADR-regulations (refer to

2.2.3.1.5.)

14.2 Transport IMDG

Class 3
Packing group III
UN number UN1263
Proper shipping name PAINT
EmS F-E+S-E
Label 3

Comments Containers with a capacity <= 450 ltrs are not subjected to IMDG regulations,

chapter 4.1, 5.2 and 6.1 (see IMDG-Code 2.3.2.5)

#### 14.3 Transport ICAO-TI / IATA



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Class 3
Packing group III
UN number UN1263
Proper shipping name Paint
Label 3

#### 14.4 Other information

No data available.

#### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

#### 14.6 Special precautions for user

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

#### **SECTION 15: Regulatory information**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU regulations</u>

#### Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

## Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XVII of the REACH regulation (EC) 1907/2006.

## Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances This product is subject to Part I of Annex I, risk category: P5c

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)VOC content26.04 %

## Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

relevant VOC limit value as referred to in Annex II of Directive 2004/42/CE, Cat. : d, type: lb = 300 g/l Max. VOC content (limit value) of the product in its ready for use condition = < 300 g/l

#### **National regulations**

#### Other national regulations

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment.

#### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

### **SECTION 16: Other information**

#### Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding



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chapter.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these

sections)

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

Department issuing safety data sheet

UMCO GmbH

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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