



Printing date 27.06.2023

Version number 1.1 (replaces version 1.0)

Revision: 27.06.2023

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

### **1.1 Product identifier**

**Trade name: TOUCH-UP PAINT**

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

**Application of the substance / the mixture** Lacquer

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

**Manufacturer/Supplier:**

**Prefa Aluminiumprodukte GmbH**

Werkstraße 1

3182 Marktl/Lilienfeld

Austria

T: +43 2762 502 0

Email: office.at@prefa.com

**Further information obtainable from:**

External:

Matthias Thöne

E-mail: mthoene@mipa.de

### **1.4 Emergency telephone number:**

+43 2762 502 0

Available during office hours:

Monday - Thursday: 07:00 - 12.00, 13:00 - 17:00 h

Friday: 07:00 - 13:00 h

National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)

Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

## **SECTION 2: Hazards identification**

### **2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

**Additional information:** For the wording of the hazard categories, see section 16.

### **2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008** void

**Hazard pictograms** void

**Signal word** void

**Hazard statements** void

**Additional information:**

EUH210 Safety data sheet available on request.

### **2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** No data available.

(Contd. on page 2)



Printing date 27.06.2023

Version number 1.1 (replaces version 1.0)

Revision: 27.06.2023

**Trade name: TOUCH-UP PAINT**

(Contd. of page 1)

**vPvB:** No data available.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

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

**Dangerous components:**

[% (w/w)]

CAS: 112-34-5	2-(2-butoxyethoxy)ethanol	0.1 – < 2.5%
EINECS: 203-961-6	⚠ Eye Irrit. 2, H319	
Index number: 603-096-00-8		
Reg.nr.: 01-2119475104-44-XXXX		

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:**

In case of discomfort or doubt, seek medical advice.

If unconscious, use a stable lateral position and do not administer anything through mouth.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Wash with plenty of soap and water.

Seek medical treatment in case of complaints.

**After eye contact:**

Rinse opened eye for several minutes under running water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Seek medical treatment in case of complaints.

**After swallowing:**

Rinse mouth.

If symptoms persist consult doctor.

#### 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

Depending on the condition of the patients, the doctor must assess the symptoms and the overall general condition.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

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

No further relevant information available.

(Contd. on page 3)



Printing date 27.06.2023

Version number 1.1 (replaces version 1.0)

Revision: 27.06.2023

**Trade name: TOUCH-UP PAINT**

(Contd. of page 2)

### **5.3 Advice for firefighters**

#### **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

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

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

Restricted access to the affected area until cleaning work is completed.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Avoid contact with skin and eyes.

Do not breathe vapour/spray.

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

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

### **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**

Keep receptacles tightly sealed.

Avoid contact with skin and eyes.

Avoid breathing mist/vapours/spray.

Use personal protective equipment as required.

Observe protective measures and safety instructions.

**Information about fire - and explosion protection:** No special measures required.

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

#### **Storage:**

#### **Requirements to be met by storerooms and receptacles:**

Store in dry conditions.

Store in accordance with local/regional/national/international regulations.

**Information about storage in one common storage facility:** Store away from foodstuffs.

#### **Further information about storage conditions:**

Keep container tightly sealed.

Protect from frost.

**Recommended storage temperature:** room temperature

**Storage class:** 12

**7.3 Specific end use(s)** No further relevant information available.

(Contd. on page 4)



Printing date 27.06.2023

Version number 1.1 (replaces version 1.0)

Revision: 27.06.2023

**Trade name: TOUCH-UP PAINT**

(Contd. of page 3)

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

**CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

OEL	Short-term value: 101.2 mg/m <sup>3</sup> , 15 ppm
	Long-term value: 67.5 mg/m <sup>3</sup> , 10 ppm
IOELV	

**Regulatory information** OEL: 2021 CoP for the Safety, Health and Welfare at Work

### DNELs

**CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

Oral	Long-term exposure - systemic effects	6.25 mg/kg bw/d (consumer)
Inhalative	Long-term exposure - local effects	67.5 mg/m <sup>3</sup> (workers)
	short-term exposure - local effects	101.2 mg/m <sup>3</sup> (workers)

### PNECs

**CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

fresh water	1.1 mg/l
sea water	0.11 mg/l
intermittent release (fresh water)	11 mg/l
sediment (fresh water)	4.4 mg/kg dw
sediment (sea water)	0.44 mg/kg dw
soil	0.32 mg/kg dw
oral	56 mg/kg food

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### Appropriate engineering controls

No further data; see section 7.

Technical measures and the use of suitable working methods take priority over the use of personal protective equipment.

#### Individual protection measures, such as personal protective equipment

##### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

(Contd. on page 5)



**Trade name: TOUCH-UP PAINT**

(Contd. of page 4)

**Respiratory protection:**

If vapours/aerosols and/or inadequate ventilation are present, respiratory protection must be worn.

**Hand protection**

Wear protective gloves for prolonged or repeated handling.

EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

**Material of gloves**

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.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection**

Wear protective goggles if there is a risk of splashing.

EN 166

**Body protection:** Protective work clothing

**Environmental exposure controls** Do not allow to enter sewers/ surface or ground water.

**SECTION 9: Physical and chemical properties**

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

**General Information**

**Physical state**

Fluid

**Colour:**

According to product specification

**Odour:**

Characteristic

**Odour threshold:**

No information available.

**Melting point/freezing point:**

No information available.

**Boiling point or initial boiling point and boiling range**

100 °C

**Flammability**

Not applicable.

**Lower and upper explosion limit**

**Lower:**

No information available.

**Upper:**

No information available.

**Flash point:**

Not applicable.

**Decomposition temperature:**

No information available.

**pH**

Not determined.

**Viscosity:**

**Kinematic viscosity at 20 °C**

210 s (DIN 53211/4)

**Dynamic:**

No information available.

**Solubility**

**water:**

Fully miscible.

(Contd. on page 6)

# Safety data sheet

according to 1907/2006/EC



Page 6/10

Printing date 27.06.2023

Version number 1.1 (replaces version 1.0)

Revision: 27.06.2023

Trade name: TOUCH-UP PAINT

(Contd. of page 5)

Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa
Density and/or relative density	
Density at 20 °C:	1.268 g/cm <sup>3</sup> (DIN EN ISO 2811-1)
Vapour density	No information available.

## 9.2 Other information

Appearance:

Form: Fluid

Important information on protection of health and environment, and on safety.

Ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Solvent content:

Water: 46.3 %

VOC (EC) 3.43 %

Solids content: 49.6 %

Change in condition

Softening point/range

Oxidising properties: No information available.

Evaporation rate: No information available.

Information with regard to physical hazard classes

Explosives void

Flammable gases void

Aerosols void

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

## SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

(Contd. on page 7)



**Trade name: TOUCH-UP PAINT**

(Contd. of page 6)

**10.2 Chemical stability** No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

**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 toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

#### CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Oral	LD50	2,410 mg/kg (rat)
Dermal	LD50	2,764 mg/kg (Rabbit)

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

#### CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

EC50 (48 h) (static)	> 100 mg/l (daphnia) (Daphnia magna)
ErC50 (96 h) (static)	> 100 mg/l (algae) (Scenedesmus subspicatus)

**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:** No data available.

**vPvB:** No data available.

#### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

(Contd. on page 8)



Printing date 27.06.2023

Version number 1.1 (replaces version 1.0)

Revision: 27.06.2023

**Trade name: TOUCH-UP PAINT**

(Contd. of page 7)

#### **12.7 Other adverse effects**

##### **Additional ecological information:**

##### **General notes:**

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.

Only dispose of product residues via authorised companies according to local legislation.

##### **European waste catalogue**

Notes: The European Waste Catalogue (EWC) classifies waste materials and categorises them according to what they are and how they were produced. This may cause other classifications. The final decision belongs to the last user.

08 01 12	waste paint and varnish other than those mentioned in 08 01 11
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##### **Uncleaned packaging:**

##### **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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

#### **14.1 UN number or ID number**

**ADR/RID/ADN, IMDG, IATA**

not regulated

#### **14.2 UN proper shipping name**

**ADR/RID/ADN, IMDG, IATA**

not regulated

#### **14.3 Transport hazard class(es)**

**ADR/RID/ADN, ADN, IMDG, IATA**

**Class**

not regulated

#### **14.4 Packing group**

**ADR/RID/ADN, IMDG, IATA**

not regulated

#### **14.5 Environmental hazards:**

Not applicable.

#### **14.6 Special precautions for user**

Not applicable.

#### **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

**UN "Model Regulation":**

not regulated

(Contd. on page 9)





Printing date 27.06.2023

Version number 1.1 (replaces version 1.0)

Revision: 27.06.2023

**Trade name: TOUCH-UP PAINT**

(Contd. of page 8)

## **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.

#### **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

#### **REGULATION (EU) 2019/1148**

##### **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

##### **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

#### **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

#### **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

#### **National regulations:**

**Information about limitation of use:** Employment restrictions concerning juveniles must be observed.

**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**

H319 Causes serious eye irritation.

#### **Training hints**

Before handling, storage or use for the first time, employees must be informed about the properties of the substance and about measures taken to ensure safety and environmental protection.

#### **Department issuing SDS:**

UmEnA GmbH

<http://umena.at>

Email: [office@umena.at](mailto:office@umena.at)

**Date of previous version:** 28.07.2022

**Version number of previous version:** 1.0

#### **Abbreviations and acronyms:**

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

(Contd. on page 10)

# Safety data sheet

## according to 1907/2006/EC



Page 10/10

Printing date 27.06.2023

Version number 1.1 (replaces version 1.0)

Revision: 27.06.2023

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**Trade name: TOUCH-UP PAINT**

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(Contd. of page 9)

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)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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