

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

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

#### 1.1 Product identifier

Trade name : Capacryl PU-Satin Weiß

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

Use of the Sub-  
stance/Mixture : Coating material

Recommended restrictions : within adequate application - none  
on use

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

Company : Caparol Farben Lacke Bautenschutz GmbH  
Roßdörfer Straße 50  
64372 Ober-Ramstadt

Telephone : +496154710  
Telefax : +49615471222

E-mail address Respon-  
sible/issuing person : msds@dr-rmi.com

1.4 Emergency telephone number  
Emergency telephone num- : 0049(0)6154/71-202 sds@daw.de  
ber/  
E-mail address

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

##### Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

**Additional Labelling:**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

EUH210 Safety data sheet available on request.  
EUH208 Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one May produce an allergic reaction.

### Labelling according to EC Directives: 1999/45/EC

Not a hazardous substance or mixture.

Special labelling of certain mixtures : Safety data sheet available for professional user on request.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water.

Use P2 dust filter for grinding.  
Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6 02-2119751533-40-XXXX	Xi; R36	Eye Irrit.2; H319	>= 1 - < 10

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.  
Move out of dangerous area.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

- First aider needs to protect himself.
- If inhaled : Move to fresh air.
- In case of skin contact : Wash skin thoroughly with soap and water or use recognized skin cleanser.  
Do NOT use solvents or thinners.
- In case of eye contact : Remove contact lenses.  
Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.  
Seek medical advice.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Clean mouth with water and drink afterwards plenty of water.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

- Symptoms : No information available.
- Risks : No information available.

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

- Treatment : No information available.

---

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Not combustible.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet

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

- Specific hazards during fire-fighting : Burning produces irritant fumes.  
Do not allow run-off from fire fighting to enter drains or water courses.

### 5.3 Advice for firefighters

- Special protective equipment : Use personal protective equipment. Wear self-contained

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

for firefighters breathing apparatus for firefighting if necessary.

Further information : The product itself does not burn.  
Standard procedure for chemical fires.

### SECTION 6: Accidental release measures

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

Personal precautions : Avoid contact with skin and eyes.  
Material can create slippery conditions.  
Use protective shoes or boots with rough rubber sole.  
Refer to protective measures listed in sections 7 and 8.  
Treat recovered material as described in the section "Disposal considerations".

#### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Prevent further leakage or spillage if safe to do so.

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

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For further information see Section 8 & 13 of the safety data sheet.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : No special technical protective measures required.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

Hygiene measures : Provide adequate ventilation. Avoid contact with the skin and the eyes. Wash hands before eating, drinking, or smoking.  
Wash hands before breaks and at the end of workday.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

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

Requirements for storage areas and containers : Containers which are opened must be carefully resealed and kept upright to prevent leakage. To maintain product quality, do not store in heat or direct sunlight. Store at room temperature. Perishable if frozen.

Advice on common storage : Keep away from oxidising agents and strongly acid or alkaline materials.

### 7.3 Specific end use(s)

Specific use(s) : Please follow the technical information of the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
2-(2-butoxyethoxy)ethanol	112-34-5	TWA	10 ppm 67,5 mg/m <sup>3</sup>	2006/15/EC
		Further information	Indicative	
		STEL	15 ppm 101,2 mg/m <sup>3</sup>	2006/15/EC
		Further information	Indicative	
		AGW	10 ppm 67 mg/m <sup>3</sup>	DE TRGS 900
		Peak-limit: excursion factor (category)	1.5;(I)	
		Further information	Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission)., European Union (The EU has established a limit value: deviations in value and peak limit are possible), Sum of vapor and aerosols., When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child	

### 8.2 Exposure controls

#### Personal protective equipment

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

- Eye protection : Safety glasses  
German trade association rules - BGR 192 Eye protection
- Hand protection
- Material : Nitrile rubber  
Break through time : 240 min  
Glove thickness : 0,2 mm
- Remarks : Wear suitable gloves tested to EN374. Before removing gloves clean them with soap and water.
- Skin and body protection : Protective suit
- Respiratory protection : No personal respiratory protective equipment normally required.
- No personal respiratory protective equipment normally required.
- Protective measures : No special protective equipment required.
- Environmental exposure controls**
- General advice : **Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Prevent further leakage or spillage if safe to do so.**

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance : liquid
- Colour : No data available
- Odour : characteristic
- Odour Threshold : Not applicable
- pH : ca. 8 - 9
- Melting point/range : No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

Boiling point/boiling range	: ca. 100 °C
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: not determined
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: ca. 23 hPa
Relative vapour density	: Not applicable
Relative density	: Not applicable
Density	: 1,2800 g/cm <sup>3</sup>
Solubility(ies)	
Water solubility	: completely miscible
Partition coefficient: n-octanol/water	: not determined
Thermal decomposition	: No data available
Flow time	: not determined
Explosive properties	: Not applicable
Oxidizing properties	: No data available

### 9.2 Other information

No data available

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Conditions to avoid : Protect from frost.  
Extremes of temperature and direct sunlight.

### 10.5 Incompatible materials

Materials to avoid : Incompatible with oxidizing agents.  
Incompatible with acids and bases.

### 10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if stored and applied as directed.  
In case of fire hazardous decomposition products may be produced such as:  
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

---

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

**Product:**

Acute oral toxicity : > 2.000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity :  
Remarks: No data available

**Components:**

**2-(2-butoxyethoxy)ethanol:**

Acute oral toxicity : LD50 Oral Rat: 5.660 mg/kg

Acute dermal toxicity : LD50 Dermal Rabbit: 4.000 mg/kg

#### Skin corrosion/irritation

**Product:**



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

### Serious eye damage/eye irritation

**Product:**

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

### Respiratory or skin sensitisation

**Product:**

Remarks: No data available

### Germ cell mutagenicity

No data available

### Carcinogenicity

No data available

### Reproductive toxicity

No data available

### STOT - single exposure

No data available

### STOT - repeated exposure

No data available

### Aspiration toxicity

No data available

### Further information

**Product:**

Remarks: There is no data available for this product., Information given is based on data on the components and the toxicology of similar products.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Product:**

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

#### 12.2 Persistence and degradability

**Product:**

Biodegradability : Remarks: No data available

#### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation : Remarks: No data available

#### 12.4 Mobility in soil

**Product:**

Mobility : Remarks: No data available

#### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

#### 12.6 Other adverse effects

**Product:**

Additional ecological information : Remarks: There is no data available for this product.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Product : Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities.  
In Germany: Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.
- Contaminated packaging : Only completely emptied containers should be given for recycling.

### SECTION 14: Transport information

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Remarks : see sections 6-8

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : Not applicable

### SECTION 15: Regulatory information

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

Water contaminating class : 1 slightly water endangering

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

(Germany)

Product code for laquers and paints / Giscode : M-LW01 Product code for laquers and paints: M-LW01 (Germany)

Volatile organic compounds : Directive 2004/42/EC  
< 9 %  
< 120 g/l

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

---

## SECTION 16: Other information

### Full text of R-Phrases

R36 : Irritating to eyes.

### Full text of H-Statements

H319 : Causes serious eye irritation.

### Full text of other abbreviations

Eye Irrit. : Eye irritation

### Further information

Other information : **No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC.**

This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be generated.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, (EC) No. 453/2010



## Capacryl PU-Satin Weiß

Version 3.1

Revision Date 03.03.2015

Print Date 19.03.2015

### REACH and GHS/CLP Information

According to our legal obligations we will implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and GHS respectively the Regulation (EC) No 1272/2008. REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures (CLP). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly. This will be put into practice depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.

The amendment of safety data sheets of mixtures or preparations in accordance with GHS /CLP regulation will be carried out during a transitional period until June 1, 2015. We will conduct the adjustment of our safety data sheets during the time frame of the transitional period as soon as new information is available from our suppliers.