

**SAFETY DATA SHEET**  
for chemical products  
**COSWICK PU 2K 205**  
Component A



Revision: 21.06.2023

Version № 5

Issuing date: 01.08.2023

## 1 Identification of the chemical product and of the company/undertaking

**1.1 Product identifier** COSWICK PU 2K 205 polyurethane 2 component flooring adhesive, component A

**1.2 Relevant identified uses of the substance or mixture and uses advised against** Glue is designed for installation of all kinds of wooden flooring: solid, multi-layer parquet, 2-layer and 3-layer parquet, mosaic parquet, industrial parquet. Applicable for parquet planks without joint system, with tongue & groove joint system or with click system, with no limits for thickness, width and length

**This component must be mixed with component B. Please note the safety data sheet of component B**

**Product regulatory document:**

STB 1621-2006

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

Coswick Ltd.

Y.Kolasa str. 2B, Zaslavl, Belarus, 223034

telephone: +375 17/ 543 20 20, 543 20 10; fax +375 17/ 543 20 02

e-mail: office@coswick.com; web-site: www.coswick.com

## 2 Hazards identification

### 2.1 Classification of the substance or mixture

Moderate-risk products by degree of exposure to the human body: Category 3

### 2.2 Label elements

**Signal word:** Warning

**Hazard pictograms:** Not classified

### Hazard statements:

H227: Combustible liquid

H332: Harmful if inhaled

### Precautionary statements:

P210: Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P271: Use only outdoors or in a well-ventilated area

P280: Wear protective gloves/protective clothing/eye protection/face protection

P304+P340+P312: IF INHALED: Remove victim to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell

P370+P378: In case of fire: Use the extinguishing tools appropriate for combustible liquids

P403+P235: Store in a well-ventilated place. Keep cool

**2.3 Other hazards** No

## 3 Composition/information on ingredients

**3.1 Description** Mixture of substances listed below with nonhazardous additions

**3.2 Hazardous components** No

## 4 First aid measures

- **General information:** No special measures required
- **After inhalation:** No irritating effect
- **After skin contact:** Normally, no irritating effect on skin

**SAFETY DATA SHEET**  
for chemical products  
**COSWICK PU 2K 205**  
Component A



- **After eye contact:** Rinse opened eye for 15 minutes under running water. If symptoms continue, seek medical assistance (ophthalmologist)
- **After swallowing:** Rinse mouth and drink plenty of water
- **Information for doctor:** Treat symptomatically

## 5 Firefighting measures

**5.1 General characteristics of fire** Combustible liquid risk

**5.2 Special hazards arising from the substance or mixture**  
No special hazards

### 5.3 Advice for firefighters

Use water spray, foam, dry powder or carbon dioxide

In case of fire, put out with fire extinguishers suitable for combustible liquids

**Inappropriate fire extinguishing equipment: Full jet water cannon**

### Protective equipment

Clothing, industrial gas mask of small dimensions with universal protective cartridge, autonomous breathing equipment

## 6 Accidental release measures

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

Local and general air ventilation

Keep away from sources of ignition/heating/sparks/open fire. Do not smoke. Do not inhale fumes. If ventilation is insufficient, respiratory protection is required

See precautions in Charts 7 and 8

### 6.2 Environmental precautions

Prevent entry into water bodies, soil and sewage system

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

Collect mechanically

Absorb into an inert absorbing material (e.g., sand, silica, acid binder, universal binder, sawdust). Collect into marked, sealed containers. Perform the removal as prescribed. Suitable binder: sand (for fencing)

## 7 Handling and storage

### 7.1 Precautions for safe handling

Keep out of the reach of children, store separately from food in a hermetically sealed package. Keep out of ignition/heating/sparks/open fire. Do not smoke

The room should be provided with ventilation

Use PPE, personal hygiene

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

#### - Conditions and time frames for safe storage

Shelf life is 12 months from the date of manufacture

Store in well-ventilated rooms. Store and transport at temperatures from plus 5 °C to plus 25 °C with a tightly closed lid

- **Incompatibility:** Waterprotect
- **Packaging:** Plastic buckets

## 8 Exposure controls/personal protection

### 8.1 Control parameters

#### Components with maximum permissible concentration:

Does not contain any components with maximum permissible concentrations in the working area

**SAFETY DATA SHEET**  
**for chemical products**  
**COSWICK PU 2K 205**  
**Component A**

**8.2 Personal protection**

- General recommendations:** Workers in the production must undergo a mandatory medical examination at intervals
- Respiratory protection:** Not required with sufficient ventilation. Respiratory protection is required for insufficient ventilation
- Skin protection:** Rubber gloves
- Eye protection:** Protective glasses
- Protective clothing and shoes:** Cotton suits, robes

**9 Physical and chemical properties**

- Physical:** Pasty
- Colour:** Beige
- Smell:** Typical
- Density at 20°C:** 1.5 g/cm<sup>3</sup>
- Solubility in water:** Not soluble
- Flash point in closed pot:** 283 °C
- Flash point in open pot:** 301 °C
- Ignition point in open pot:** 301 °C
- Self-ignition temperature:** 425 °C

**10 Stability and reactivity****10.1 Chemical stability**

Stable under normal storage and use conditions

**10.2 Conditions to avoid**

Keep away from heating and ignition sources. Methanol is formed when interacting with air moisture

**10.3 Hazardous decomposition products**

Does not decompose when properly stored, transported (during the warranty period)

**11 Toxicological information**

- Acute toxicity:** Moderate-risk products by degree of exposure: Category 3
- Skin:** No irritant effect
- Mucous membrane:** No irritant effect
- Sensitization:** No sensitizing effect

**12 Ecological information**

- Aquatic toxicity:** Not investigated
- Bioaccumulative potential:** Not investigated
- Mobility (migration to the environment):** Not investigated
- Additional information:** Prevent from entering groundwater or the environment

**13 Disposal considerations**

Let the glue harden in an open package, then recycle

Waste should be disposed of in accordance with the procedure established by legislation on waste management. Avoid release to the environment

Small quantities can be disposed of as household waste

**SAFETY DATA SHEET**  
for chemical products  
**COSWICK PU 2K 205**  
Component A



#### 14 Transport information

- UN Number  
*ADR, ADN, IMDG, IATA:* Void
- UN proper shipping name  
*ADR, ADN, IMDG, IATA:* Void
- Transport hazard class(es)  
*ADR, ADN, IMDG, IATA:* Void
- Packing group  
*ADR, ADN, IMDG, IATA:* Void
- Environmental hazards:  
Marine pollutant: No
- Special precautions for user:  
Not applicable
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  
Not applicable

#### 15 Regulatory information

On the basis of the "General EU Classification Directive for mixtures" in its latest (current) version, the product is not subject to mandatory marking. Follow standard precautions when handling chemicals

#### 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.

**Department issuing MSDS:** Marketing and advertising Department

**Contacts:** Kuzmich Veronika kuzmichvn@coswick.org

Revision: 21.06.2023

Version № 4

Issuing date: 01.08.2023

**1 Identification of the chemical product and of the company/undertaking****1.1 Наименование** COSWICK PU 2K 205 polyurethane 2 component flooring adhesive, component B**1.2 Relevant identified uses of the substance or mixture and uses advised against** Glue is designed for installation of all kinds of wooden flooring: solid, multi-layer parquet, 2-layer and 3-layer parquet, mosaic parquet, industrial parquet. Applicable for parquet planks without joint system, with tongue & groove joint system or with click system, with no limits for thickness, width and length**This component must be mixed with component A. Please note the safety data sheet of component A****Product regulatory document:**

STB 1621-2006

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

Coswick Ltd.

Y.Kolasa str. 2B, Zaslavl, Belarus, 223034

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**2 Hazards identification****2.1 Classification of the substance or mixture**

Moderate-risk products by degree of exposure to the human body: Category 3

**2.2 Label elements****Signal word:** Warning**Hazard pictograms:****Краткая характеристика опасности (H-фразы):**

H227: Combustible liquids

H315: Contact with the skin causes irritation

H317: Contact with the skin can cause an allergic reaction

H319: Contact with eyes causes severe irritation

H332: Harmful by inhalation

H334: Inhalation can cause an allergic reaction (asthma or shortness of breath)

H335: May cause irritation of the upper respiratory tract

H351: The substance is thought to cause cancer

H373: May affect organs as a result of repeated or prolonged exposure

**Precautionary statements:**

P201+202: Receive instructions on how to work with this product before using it and read safety instructions

P210: Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P264: After using the product thoroughly wash your hands

P271: Use only outdoors or in a well-ventilated area

P280: Wear protective gloves/protective clothing/eye protection/face protection

P284: Use respiratory protection tools

P363: Wash contaminated clothing before reuse

P405: Store in an inaccessible place

P302+P352: ON SKIN: Rinse with plenty of water.

**SAFETY DATA SHEET**  
**for chemical products**  
**COSWICK PU 2K 205**  
**Component B**



P304+P340+P312: WHEN INHALING: Fresh air, peace and quiet are recommended. Seek medical assistance if ill  
P305+P351+P338: EYE CONTACT: Carefully wash eyes with water for several minutes  
P308 + P311: In case of suspicion of influence to seek medical assistance  
P332+P311: In case of skin irritation seek medical assistance  
P337+P311: If eye irritation doesn't stop, seek medical assistance  
P342+P311: In case of asthma or breathing difficulties, seek medical assistance  
P370+P378: In case of fire: Use the extinguishing tools appropriate for combustible liquids  
P403+P233: Store in a well ventilated place in a tightly closed/sealed package  
P403+P235: Store in a well-ventilated place. Keep cool

**2.3 Other hazards** No

### 3 Composition/information on ingredients

**3.1 Description** A mixture of polyisocyanate-forpolymer based on diphenyl methandiisocyanate, listed below, with non-hazardous content.

#### 3.2 Hazardous components:

| No                                            | Component name                                     | Content, % |
|-----------------------------------------------|----------------------------------------------------|------------|
| CAS: 9016-87-9, CAS: 101-68-8, CAS: 5873-54-1 | diphenylmethane-diisocyanate, isomers and homologs | 75-100%    |

### 4 First aid measures

- **General information:** Remove soaked with the product or contaminated clothing and footwear, decontaminate and dispose of immediately.
- **After inhalation:** Take the victim to fresh air, keep warm, let him rest. In case of breathing difficulties, call a doctor
- **After skin contact:** In case of contact with the skin, the product should be washed off with a cleanser based on polyethylene glycol or with plenty of water and soap.  
In case of skin reactions, consult a doctor
- **After eye contact:** Rinse opened eye for 15 minutes under running water. If symptoms continue, seek medical assistance (ophthalmologist)
- **After swallowing:** DO NOT induce vomiting. Medical assistance is needed
- **Information for doctor:** The product causes irritation of the respiratory tract and may cause skin and respiratory tract sensitization. Treatment of acute irritations, mostly symptomatic. Depending on the extent of exposure and severity of symptoms, long-term medical treatment may be necessary.

### 5 Firefighting measures

**5.1 General characteristics of fire** Combustible liquid risk

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

In case of a fire, carbon monoxide, carbon dioxide, oxides of nitrogen, isocyanate fumes and traces of hydrogen cyanide are released. In case of fire and/or explosion, do not inhale smoke. In the event of a fire, there is a risk of pressure build-up and bursting of containers in the surrounding area. Packages with the product should be cooled with water and, if possible, removed from the danger area

#### 5.3 Advice for firefighters

Carbon dioxide (CO<sub>2</sub>), foam, extinguishing powder, in case of severe fires, water spray must be used

**Inappropriate fire extinguishing equipment: Full jet water cannon**

#### Protective equipment

When extinguishing a fire, it is necessary to use personal respiratory protection equipment with an autonomous air supply and an insulating chemical protective suit.

**SAFETY DATA SHEET**  
for chemical products  
**COSWICK PU 2K 205**  
Component B



## 6 Accidental release measures

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

Use personal protective equipment. Provide adequate ventilation/extraction. Delete third parties.  
See precautions in Charts 7 and 8

### 6.2 Environmental precautions

Prevent entry into water bodies, soil and sewage system

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

Remove mechanically, cover the residue with a damp liquid-absorbing material (e.g. sawdust, binding chemicals based on calcium hydrosilicate or sand).

After an hour, transfer to a waste container, do not seal (formation of CO !). Store in a damp state in a safe, well-ventilated area for several days. The spill area can be cleaned up with the recommended decontamination solution. Decontamination solution: 8-10% sodium carbonate solution and 2% liquid soap in water

See personal protective equipment in Chart 8

## 7 Handling and storage

### 7.1 Precautions for safe handling

Keep out of the reach of children, store separately from food in a hermetically sealed package. Keep out of ignition/heating/sparks/open fire. Do not smoke

The room should be provided with ventilation

Use PPE, personal hygiene

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

#### - Conditions and time frames for safe storage

Shelf life is 12 months from the date of manufacture

Store in well-ventilated rooms. Store and transport at temperatures from plus 5 °C to plus 25 °C with a tightly closed lid

- **Incompatibility:** Waterprotect
- **Packaging:** Plastic bottles

## 8 Exposure controls/personal protection

### 8.1 Control parameters

Components with maximum permissible concentration:

| CAS      | Description                       | MPC indicators        |
|----------|-----------------------------------|-----------------------|
| 101-68-8 | diphenylmethane-4,4'-diisocyanate | 0,5 mg/m <sup>3</sup> |
| 103-71-9 | Phenyl isocyanate                 | 0,5 mg/m <sup>3</sup> |

### 8.2 Personal protection

- **General recommendations:** Workers in the production must undergo a mandatory medical examination at intervals
- **Respiratory protection:** Respiratory protection is required in workplaces with insufficient ventilation or when spraying (splashing) the product. For short-term work, oxygen masks or combined charcoal and special filters A2-P2 (EN529) are recommended. With hypersensitivity of the respiratory tract (suffering from asthma, chronic bronchitis), it is not recommended to work with the product
- **Skin protection:** Use protective clothing (chemical resistant) and gloves. In case of hypersensitivity of the skin, it is not recommended to work with the product.
- **Eye protection:** Protective glasses
- **Protective clothing and shoes:** Cotton suits, robes

## 9 Physical and chemical properties

- **Physical:** Liquid
- **Colour:** Brown
- **Smell:** Typical

**SAFETY DATA SHEET**  
for chemical products  
**COSWICK PU 2K 205**  
Component B



|                               |                        |
|-------------------------------|------------------------|
| - Density at 20°C:            | 1,22 g/cm <sup>3</sup> |
| - Solubility<br>in water:     | Not soluble            |
| - Flash point in closed pot:  | 208 °C                 |
| - Flash point in open pot:    | 211 °C                 |
| - Ignition point in open pot: | 220°C                  |
| - Self-ignition temperature:  | 425 °C                 |

## 10 Stability and reactivity

### 10.1 Chemical stability

Stable under normal storage and use conditions

### 10.2 Conditions to avoid

Keep away from heating and ignition sources. Methanol is formed when interacting with air moisture

### 10.3 Hazardous decomposition products

Exothermic reaction with amines and alcohols; enters into reaction with water, forming CO<sub>2</sub>; risk of rupture of closed containers due to pressure build-up

## 11 Toxicological information

### - Acute toxicity:

Moderate-risk products by degree of exposure: Category 3

|                    |                                         |
|--------------------|-----------------------------------------|
| - Skin:            | Irritating to skin and mucous membranes |
| - Mucous membrane: | Irritating to mucous membranes          |
| - Sensitization:   | May cause irritation                    |

## 12 Ecological information

|                                            |                                                      |
|--------------------------------------------|------------------------------------------------------|
| - Aquatic toxicity:                        | Not investigated                                     |
| - Bioaccumulative potential:               | Not investigated                                     |
| - Mobility (migration to the environment): | Not investigated                                     |
| - Additional information:                  | Prevent from entering groundwater or the environment |

## 13 Disposal considerations

Avoid contact with the product, observe the tightness of the packaging

Waste should be disposed of in accordance with the procedure established by legislation on waste management. Avoid release to the environment

## 14 Transport information

|                                                                           |      |
|---------------------------------------------------------------------------|------|
| - UN Number                                                               |      |
| <i>ADR, ADN, IMDG, IATA:</i>                                              | Void |
| - UN proper shipping name                                                 |      |
| <i>ADR, ADN, IMDG, IATA:</i>                                              | Void |
| - Transport hazard class(es)                                              |      |
| <i>ADR, ADN, IMDG, IATA:</i>                                              | Void |
| - Packing group                                                           |      |
| <i>ADR, ADN, IMDG, IATA:</i>                                              | Void |
| - Environmental hazards:                                                  |      |
| Marine pollutant:                                                         | No   |
| - Special precautions for user:                                           |      |
| Not applicable                                                            |      |
| - Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code |      |
| Not applicable                                                            |      |



**SAFETY DATA SHEET**  
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**COSWICK PU 2K 205**  
**Component B**



### **15 Regulatory information**

On the basis of the "General EU Classification Directive for mixtures" in its latest (current) version, the product is not subject to mandatory marking. Follow standard precautions when handling chemicals

### **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.

**Department issuing MSDS:** Marketing and advertising Department  
**Contacts:** Kuzmich Veronika [kuzmichvn@coswick.org](mailto:kuzmichvn@coswick.org)