



SAFETY DATA SHEET

according to COMMISSION REGULATION (EU) No 453/2010

SECTION 1: Identification of the mixture and of the company

1.1. Identification of the mixture:

Name ANSERCOLL PVA

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses to vaneying wooden-boards and chipboards with finish foil.

Uses advised against -

1.3. Details of the supplier of the safety data sheet

Zakłady Chemiczne „ANSER” Sp. z o.o.

ul. J. Conrada 7, 01-922 Warszawa

tel.: +48 22 663 70 73, faks: +48 22 669 01 22

e-mail address for a competent person responsible for the safety data sheet: reach@anser.pl

1.4. Emergency telephone number

112 (round the clock)

SECTION 2: Hazards identification

2.1. Classification of the mixture

The mixture is not classified as hazardous according to the Directive 1999/45/EC.

The most important adverse human health effects

Unknown.

The most important adverse environmental effects

Unknown.

The most important adverse physicochemical.

Wet product is flash resistant, dry product is non-flammable.

2.2. Label elements

Does not concern.

2.3. Other hazards

Substances in the mixture don't meet the criteria for PBT or vPvB in accordance with Annex XIII

SECTION 3: Composition/information on ingredients

The product contains no substances classified as hazardous in concentration that require being taken into consideration in material safety data sheet in compliance with the law. This product does not contain any ingredients for which admissible concentration limits have been set.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of inhalation

- Leave (or take the victim out of) the contaminated area.
- Provide warmth, silence and fresh air.
- Apply artificial respiration if the respiratory action of the victim ceases
- Provide medical assistance immediately.

In case of skin contact

- Remove contaminated clothes.
- Rinse affected skin with considerable amount of warm water (with soap if no changes are visible).
- Provide medical assistance in case of irritation

In case of eye contact

- Remove contact lenses.
- Do not use any neutralizers.
- Rinse eyes with considerable amount of cool water for about 15 minutes.
- Do not direct intensive water jet on the eye to avoid hurting the cornea.
- Provide medical assistance, should the irritation persist or increase.

In case of ingestion

- Give water to drink.
- Provide medical assistance immediately.

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

No data.

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

The doctor should decide on treatment needed after examination of injured person. The doctor should consider stomach rinsing.

SECTION 5: Firefighting measures

Proceed in accordance with procedures. Inform the surroundings about the accident. Remove all people not involved in the liquidation of the accident from the premises. Order evacuation if the need arises. Fight minor fires with readily available extinguishing media. In case of major fires call Fire Brigades and the Police.

5.1. Extinguishing media

This product is not flammable.

Suitable extinguishing media: extinguishing powder, carbon dioxide, foam.

Unsuitable extinguishing media: no data

Minor fire: extinguish appropriate to burning materials.

Major fire: extinguish appropriate to burning materials.

5.2. Special hazards arising from the mixture

Prevent fire fighting wastewater from entering sewage and water reservoirs.

5.3. Advice for firefighters

Protective clothing and an apparatus protecting respiratory tract.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Inform the surroundings about the accident.

For non-emergency personnel

Remove all people not involved in the liquidation of the accident from the premises. Do not inhale vapours. Avoid contact with product.

For emergency responders

Remove sources of ignition. Use personal protective gloves and protecting clothing in case of release of the mixture or long-term exposure.

6.2. Environmental precautions

Prevent from entering sewers, rivers or other bodies of water and soil.

6.3. Methods and material for containment and cleaning up

- Secure catch basin.
- Eliminate the leak, if possible (place the damaged container in a tight protective container). Collect product to a properly labelled, closed waste container. In case of a major leak embank the spill and pump it out. Cover smaller spills with absorptive materials (sand, soil), collect into a tight container, rinse contaminated surface with water. Dispose of the discards in accordance with relevant regulations.

6.4. Reference to other sections

Refer to Sections 8 and 13 of the safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

When applying the product follow the essential industrial safety regulations: do not eat, do not drink, avoid contact with the liquid and vapour breathing. Wash hands during pauses. Follow personal hygiene rules. Do not wear clothes contaminated with the product. Work in properly ventilated rooms. It is necessary to apply mechanical ventilation or exhaust ventilation. Use personal protection measures (as given in section 8).

7.2. Conditions for safe storage, including any incompatibilities

Store in original, properly labelled, sealed containers in cool, shadowy places, in temperature 5°C up to +25°C. Protect against frost.

See section 10.

7.3. Specific end uses

No specific end uses.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

This product does not contain any ingredients for which admissible concentration limits have been set.

The Directive of the Minister of Labour and Social Policy of 29 November 2002 on maximal permissible concentrations of harmful agents in a workplace (Dz. U. No. 217 item 1833 as amended).

Currently recommended monitoring procedures

The Directive of the Minister of Health of 2nd February 2011 on researching and measuring health-threatening agents in a workplace (Dz. U. 2011 No 33 item 166).

8.2. Exposure controls

Appropriate engineering controls

Refer to section 7.

Individual protection measures, such as personal protective equipment:

Eye/face protection: safety goggles.

Skin protection:

- hand protection: protective gloves.

- other: protective clothing .

Respiratory protection: masks with type-A organic vapour absorbers.

Thermal hazards: does not concern.

Environmental exposure controls

Prevent from entering sewers, rivers or other bodies of water and soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- | | |
|---|---|
| • Appearance: | white liquid |
| • Odour: | specific |
| • Odour threshold | no data |
| • pH | 4,5 ± 1 |
| • Melting point/freezing point | no data |
| • Initial boiling point and boiling range | about 100°C |
| • Flash point | no data |
| • Evaporation rate | no data |
| • Flammability (solid, gas) | product is not flammable |
| • Lower flammability or explosive limits | no data |
| • Upper flammability or explosive limits | no data |
| • Vapour pressure | no data |
| • Vapour density | no data |
| • Relative density | 1,08 ± 0,02g/cm ³ |
| • Solubility | does not solve in organic solvents, forms solution in water |
| • Partition coefficient: n-octanol/water | no data |
| • Auto-ignition temperature | product is not self-igniting |

- Decomposition temperature no data
- Viscosity (Brookfielda method) 12 500 ± 1 000 mPa*s
- Explosive properties no data
- Oxidising properties no data

9.2. Other information

No data.

SECTION 10: Stability and reactivity

10.1. Reactivity

The reactivity hazards of the mixture doesn't occur under normal conditions.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

Unknown.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

They don't occur under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: no data.

Irritation: the classification criteria are not met on the basis of available data.

Corrosivity: the classification criteria are not met on the basis of available data.

Sensitization: the classification criteria are not met on the basis of available data.

Repeated dose toxicity: no data.

Carcinogenicity: the classification criteria are not met on the basis of available data.

Mutagenicity: the classification criteria are not met on the basis of available data.

Toxicity for reproduction: the classification criteria are not met on the basis of available data.

Information on likely routes of exposure

Through ingestion: no data.

Through inhalation: no data.

Through skin: no data.

Through eye: no data.

Symptoms related to the physical, chemical and toxicological characteristics: no data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:
no data.

Interactive effects: no data.

Other information: no data.

SECTION 12: Ecological information

12.1. Toxicity

No data.

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

No data.

12.4. Mobility in soil

No data.

12.5. Results of PBT and vPvB assessment

Substances in the mixture don't meet the criteria for PBT or vPvB.

12.6. Other adverse effects

No data.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover waste, if possible.

Disposal of the mixture: Do not dispose of into sewers. Prevent surface and ground water from contamination. Consider re-use. Recycle or neutralize waste in accordance with regulations in force.

Recommended neutralization method: combustion or storage .

Waste code: 08 04 10 Wastes from adhesives and sealants, others than described in 08 04 09

Disposal of the packaging: Recycle or neutralize waste packages in accordance with regulations in force. Reuse returnable packaging after decontamination.

Waste code: 15 01 02 Plastic Packaging

The Act of 27 April 2001 on wastes (Dz. U. 2001 No. 62, item 628 with amendments)

The Act of 11 May 2001 on packages and package wastes (Dz. U. 2001 No. 63, item 638 with amendments)

Regulation of the Minister of Environment of 27 September 2001, on wastes catalogue (Dz. U. 2001 No.112, item 1206).

SECTION 14: Transport information

This product is not subject to regulations on the transport of dangerous goods by road.

Road transport

14.1. UN number	not applicable
14.2. UN proper shipping name	not applicable
14.3. Transport hazard class(es)	not applicable
14.4. Packing group	not applicable
14.5. Environmental hazards	not applicable
14.6. Special precautions for user	refer to section 8.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	no data.

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (correction OJ L 136 of 29 May 2007 with amendments)

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 133 of 31.05.2010)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (EU OJ L No.353 dated 31.12.2008 with amendments)

The Act of 25 February 2011 on chemical substances and their mixtures (Dz. U. 2011 No.63, item 322)

Regulation of the Minister of Health of 2 September 2003, on the criteria and classification chemical substances and preparations (Dz. U. of 2003 No.171, item 1666; of 2004 No.243, item 2440; of 2007 No.174, item 1222; of 2009 No.43, item 353)

Act of 19 August 2011 , on transport of hazardous substances (Dz. U. of 2011 No. 227, item 1367)

Regulation of European Chemicals Agency of 16 June 2014 (ECHA/PR/13/40) concerning substances of very high concern (SVHC)

15.2. Chemical safety assessment

Chemical safety assessment hasn't been carried out for the mixture.

SECTION 16: Other information

The Safety Data Sheet has been reviewed and the data therein were revised and laid out according to the requirements of the Commission Regulation (EU) No 453/2010.

Legend to abbreviations and acronyms used in the safety data sheet

PBT – Persistent, bioaccumulative and toxic (substance)

vPvB – Very persistent and very bioaccumulative (substance)

Literature references and sources for data

Safety Data Sheets of mixture ingredients. European Commission Joint Research Centre Database.

Regulations/legislations mentioned in Safety Data Sheet.

Advice on any training appropriate for workers to ensure protection of human health and the environment

Workers that use the product should be trained and informed about health hazards, personal protection, accident preventive actions, rescue actions, etc.