

MATERIAL SAFETY DATA SHEET

Identification of the company

Zakłady Chemiczne „ANSER” Sp. z o.o.
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Date of sheet preparation: 18.10.2000
Date of sheet amendment: 30.01.2007

1. Identification of the preparation.

Name of the preparation: „Ansercoll 1171 Finish”
„Ansercoll 1171 Finish W”

Purpose: to veneering wooden-boards and chipboards with finish foil.

2. Composition and information on ingredients.

The product contains no substances classified as hazardous in concentrations that require being taken into account pursuant to the Directive of the Minister of Health of 3 July 2002 on safety data sheets for hazardous substances and preparations (Dz. U. No. 140, item 1171, as amended).

3. Hazards identification

The product is not classified as hazardous according to the provisions of relevant regulations.

Physicochemical threats

Unknown.

Human health threats

Unknown.

Symptoms and results of the product's adverse effects - see point 11.

Environmental threats

This product is not classified as hazardous for environment.

4. First aid measures

General remarks

In case of intoxication call for a doctor or take the victim to hospital. Do not administer any antidotes or neutralizers, which are not advised in this sheet or by a doctor. No substances must be administered to an unconscious victim. Present this safety data sheet or the product label to the medical personnel, if possible.

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.

Skin contact

Remove contaminated clothes. Rinse affected skin with considerable amount of warm water (with soap if no changes are visible).

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 and provide medical assistance immediately.

Ingestion

Induce vomiting. Provide medical assistance immediately.

5. Fire-fighting measures

General remarks

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.

Fire threat

This product is not flammable.

Extinguishing media: appropriate to burning materials.

Unsuitable extinguishing media: appropriate to burning materials.

Minor fire: extinguish appropriately to burning materials.

Major fire: extinguish appropriately to burning materials.

Special hazards

Product can exude hazardous gases and fumes in environment of fire.

Special protective equipment

Protective clothing and an apparatus protecting airways.

6. Accidental release measures

General instructions

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. In case of major accidents call emergency services, fire brigade and the police.

Individual safety measures

Avoid skin and eye contact. Do not inhale vapours. Employ individual protective measures if the need arises - see point 8.

Environmental precautions

Secure sink basins. Prevent the product from reaching surface water.

Methods for cleaning up

Eliminate the leak, if possible (cut off the liquid supply, seal, place the damaged container in a tight protective 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. (see point 13).

7. Handling and storage

Handling the substance: 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. Do not wear clothes contaminated with the product. Follow personal hygiene rules. Work in properly ventilated rooms. If the need arises use personal protection measures (as given in point 8). Avoid producing aerosols.

Storage: store in original, properly labeled, sealed containers in cool, shadowy palces, in temperature from +5 to +25°C.

8. Exposure control and personal protection

General remarks

It is advisable to provide efficient ventilation (general and local) of the workplace. In case of insufficient ventilation use certified airways protection equipment.

Admissible concentration in workplace

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

Maximum permissible concentrations in biological materials

No data.

Occupational exposure controls

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

Hand protection: protective gloves.

Eye protection: safety goggles.

Skin protection: protective clothing.

Attention: according to regulations in force, the employed personal protective equipment must be certified. Employer is obliged to ensure that the individual protection equipment in use as well as clothes and shoes have protective and practical properties and provide washing, conservation, repairs and decontamination thereof.

9. Physical and chemical properties

- Physical state: liquid
- Colour: white
- Odour: specific
- pH: $7 \pm 0,5$
- Density: $1.08 \pm 0,01 \text{ g/cm}^3$
- Boiling point: about 100°C
- Melting point: -
- Decomposition temperature: no data
- Ignition temperature: -
- Auto-ignition temperature: -
- Explosive properties: -
- Oxidizing properties: no data
- Vapour pressure: no data
- Relative density: no data
- Solubility / miscibility
 - in water: forms solution
 - in organic solvents: does not solve

- Partition coefficient: n-octanol/water no data

10. Stability and reactivity

Stability

Under normal temperature and pressure the product is stable and no hazardous reactions occur with other substances.

Conditions and materials to avoid

Strong oxidizers.

Hazardous decomposition products

Do not form under normal conditions.

11. Toxicological information.

Adverse health effects

The product has not been classified as hazardous under relevant regulations.

Exposure effects in humans

There are not available data concerning product.

Acute toxicity

No information is available on adverse health effects caused by exposure to the product if it is applied according to its purpose and the manufacturer's prescriptions.

Effects and symptoms of long-term exposure: no data.

Specific effects on human health: no data.

12. Ecological Information

Environmental threat

The product is not classified as hazardous to the environment.

Ecotoxicity

No data available for the product and its ingredients in question.

Mobility: no data.

Persistence and degradability: no data.

Bioaccumulative potential: no data.

13. Disposal considerations

Recover waste, if possible.

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

Recommended neutralization method: consult local environmental protection service. There is possibility to pass unused product on Z. Ch. Anser sp. z o.o.

Waste code: 08 04 03 Wastes from adhesives and water sealants,
08 04 04 Solidified adhesives and sealants

Disposal of the packaging: Recycle or neutralize waste packages in accordance with regulations in force. Reuse returnable packagings after decontamination. Waste shall be neutralized in professional, certified incineration plants or waste neutralization plants.

14. Transport information

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

15. Regulatory information

Markings on labels

Identification: „Ansercoll 1171 Finish“, „Ansercoll 1171 Finish W“

Warning signs: do not concern.

Risk phrases (R): do not concern.

Proper handling safety phrases (S): do not concern.

Relevant regulations (in force in Poland):

The Directive of the Commission of The European Communities of 27 July 2001, no. 2001/58/EC.

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).

The Directive of the Minister of Health of 20 April 2005 on researching and measuring health-threatening agents in a workplace (Dz. U. z 2005 r. No. 73, item 645).

The Directive of the Minister of Health of 21 December 2005 on essential requirements for individual protection measures (Dz. U. z 2005 r. No. 259, item 2173).

Act of 11 January 2001 on chemical substances and preparations (Dz. U. No. 11 item 84 as amended).

The Directive of the Minister of Health of 3 July 2002 on hazardous substances and preparations safety data sheets (Dz. U. No. 140, item 1171 as amended).

The Directive of the Minister of Health of 2 September 2003 on criteria and means of classification of chemical substances and preparations (Dz. U. No. 171, item 1666 as amended).

The Directive of the Minister of Health of 6 October 2003 on labeling containers with hazardous substances and preparations (Dz. U. No. 173 item 1679 as amended).

The Directive of the Minister of Health of 14 October 2005 on hazardous substances index with the classification and labeling thereof (Dz. U. No. 201 item 1674 as amended).

The Directive of the Minister of Health of 30 April 2004 on hazardous substances and preparations in containers which prevent access by children (Dz. U. 128 item 1348).

Act of 27 April 2001 on waste treatment (Dz. U. No. 62, item 628 as amended).

The Directive of the Minister of Environment of 27 September 2001 on catalogue of waste materials (Dz. U. No. 112, item 1206).

Act of 11 May 2001 on containers and packaging waste (Dz. U. z 2001 r. No. 63, item 638 as amended).

European agreement on international transport of dangerous goods by road ADR (in force since 1.01.2005) (Dz. U. z 2005 r. No. 178, item 1481)

Act of 28 October 2002 on transport of dangerous goods by road (Dz. U. No. 199, item 1671 as amended).

16. Other information

The above information has been compiled according to most recent state of knowledge and experience. It does not, however, guarantee the product's qualities nor provides quality description and shall not be used to support complaints. This product shall be transported, stored and applied in accordance with

relevant regulations, good practice and industrial safety rules. The manufacturer shall not be held responsible for any losses directly or indirectly resulting from the above interpretation of regulations or instructions.

The above presented information does not apply to any mixtures of this product with other substances. Neither the use of this information, nor the application of the product are controlled by the manufacturer. It is, therefore, the user's obligation to ensure proper conditions for safe handling of the product.

Date of sheet preparation: 18.10.2000

Date of sheet amendment: 30.01.2007

Amendments made to: all points.

Sources:

<http://www.chemikalia.mz.gov.pl>, <http://ecb.jrc.it/existing-chemicals>,

Safety data sheets for this product's ingredients.

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