



WALLFIX[®]
EXCELLENT ADHESIVE. TESTED.



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

1.I. Trade name: WALLFIX SPECIAL

1.II. Relevant identified uses of the substance / mixture. Usage discouraged.

Product details: For wide range of wallpapers including fibre-glass, paper-backed, textile, vinyl, textured and non-woven

Usage discouraged: not specified

1.III. Details of the supplier of the Safety Data Sheet. Address and phone number

KBM Sp. z o.o.
ul. Czyżewskiego 31A
97-400 Bełchatów
Phone: + 48 (0 44) 633 61 26
Fax: + 48 (0 44) 633 79 42
Email: chemia@kmb.com.pl

1.IV. Emergency telephone numbers in Poland:

- Fire Brigade 998
- Emergency 999
- Water - Sewerage 994
- Emergency telephone number 112

2. HAZARD IDENTIFICATION

2.I. Classification of the mixture

2.I.I. Classification of the mixture according to the classification rules of Directive 1999/45 / EC with changes of Regulation (EC) with subsequent changes contained in Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008. The



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product is not classified as hazardous.

2.II. Marking elements

In accordance with European Union legislation and national requirements, the product does not require marking.

2.III. Other hazards

None of the components of the mixture meet the criteria for PBT and / or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.I. Substances / mixtures

The product is a mixture.

Hazardous substances in the mixture according to the classification in accordance with the directive 67/548 / EEC implemented into Polish law in the Regulation of the Minister of Health of September 2, 2003 regarding the criteria and the method of classification of chemical substances and preparations.

80 % - 90% CMC

10 % - 20% styrene-butadiene copolymer

DANGEROUS COMPONENT

The name of the weight of the ingredient (s). % CAS / EC number Symbol (s) H

2,2'-(ethylenedioxy): 0,4 - 1,3% 112-27-6 / 203-953-2 / -

Ammonium chloride: 0.05 - 0.2% 7173-51-5 / 230-525-2 / 612-131-00-6 H226, H301
H 314, H318, H400

Ethanol: 0.01 - 0.04% 64-17-5 / 200-578-6 / 603-002-00-5- Flam. Liq. 2 H225

The full text of sentences H can be found in Chapter 16.



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4. FIRST AID MEASURES

4.I. Description of first aid measures

4.I.I. Inhalation:

Under normal conditions of storage and use, this product is not hazardous.

In case of discomfort, bring the victim to the fresh air from danger area. Provide peace of mind. If symptoms persist, consult a doctor.

4.I.II. Skin contact:

In case of contact with skin wash off with plenty of soap and water. In case of irritation consult your doctor. Use moisturizing cream.

4.I.III. Eye contact:

Wash eyes with plenty of running water. Provide eye protection if irritation persists.

4.I.IV. Ingestion:

Rinse mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Obtain medical attention.

Warning:

In all cases of disturbing symptoms or any doubts, look for medical attention.

5. FIRE FIGHTING MEASURES

General fire hazards – none.

5.I. Extinguishing media; suitable extinguishing media - Carbon dioxide, water spray or fog, powder, foam.

Extinguishing media not to be used - None known

5.II. Special hazards arising from the substance - Development of hazardous combustion gases or vapours possible in the event of fire.

Hazardous combustion products - carbon dioxide, carbon monoxide, nitrogen oxides, sulphur oxides, metal oxides



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5.III. Advice for fire-fighters; special fire fighting procedures - Do not stay in dangerous zone without self-contained breathing apparatus.

Special protective equipment for fire fighters - Self contained breathing apparatus and full protective clothing must be worn in case of fire. Follow the procedures in force at the fire fighting chemicals.

Extinguishing water used for fire fighting purposes should not enter drainage systems, soil or stretches of open water. Provide enough possibilities to collect extinguishing water. Combustion residues and contaminated water must be removed according to the national legislation.

6. ACCIDENTAL RELEASE TO THE ENVIRONMENT

6.I. Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

When selecting protective clothing, follow the instructions in point 8.

6.II. Environmental precautions

The product is not classified as environmentally harmful. However, leakage and introduction of sewers and wastewater should be prevented. If small quantities get into the water, it is unlikely that they will cause any damage. All large-scale incidents should be reported to local or national environmental authorities.

6.III. Methods and materials to prevent the spread of contamination and to remove contamination

6.III.I. Recommendations for preventing the spread of leakage

If possible, seal the leakage area, close the liquid supply.

6.III.II. Recommendations for the elimination of leakage

Large spills should be discharged into a marked collection container and used or disposed in accordance with applicable regulations.

Small spills should be absorbed with neutral sorbent. Collected into the tank and disposed of in accordance with applicable regulations.

7. HANDLING AND STORAGE

7.I. Safety precautions for safe storage



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Do not eat or drink while using the product
Wear protective clothing
Avoid eye contamination
Use the product according to the information in the product data sheet.
Well ventilated workplaces.

7.II. Conditions for safe storage

Keep in original bags and kept tightly closed when not in use .Prevent from moisture. Provide proper ventilation in the warehouse. _Avoid dust formation. Keep away from inflammatory sources. Prevent contact with food.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.I. Control parameters

Not applicable.

8.II. Exposure controls

8.II.I. Appropriate technical control measures

Provide workplace ventilation

8.II.II. Individual protection measures, such as personal protective equipment

8.II.II.I. Eye or face protection

In case of splashes, use safety glasses or face shield

8.II.II.II. Skin protection

Wear protective gloves and suitable protective clothing (lightweight suits).

8.II.II.III. Respiratory protection

In case of insufficient ventilation use mask with absorber

8.II.II.IV. Thermal hazard

The product does not pose a thermal hazard



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8.II.III. Control of environmental exposure

The product is biodegradable. Avoid release to the environment, do not introduce into drain.

9. PHYSICAL & CHEMICAL PROPERTIES

9.I. Basic information about physical and chemical properties

Physical State:	flake
Form Color:	white
Odor:	slight chemical odor
pH-value:	9,0 – 10,0 (5% solution)
Melting point:	-
Boiling point boiling range:	not available
Flashpoint:	not available
Evaporation rate:	not available
Flammability:	-
Explosive properties:	-
Vapour pressure:	-
Vapour density:	-
Bulk density:	300 - 900g per litre
Solubility in water:	very soluble in water at ambient temperature
Partition co-efficient: n-octonal/water:	-
Auto-ignition temperature:	-
Decomposition temperature:	-
Viscosity*:	10 000 – 30 000 mPaS in temp. of 23 °C
Oxidation properties:	-



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*Brookfield's spindle measurement 5, 5% solution

10. STABILITY AND REACTIVITY

10.I. Reactivity - Reacts with strong oxidants.

10.II. Chemical stability - Stable under normal conditions.

10.III. Possibility of hazardous reactions - Under normal conditions of storage and use, hazardous reactions will not occur.

10.IV. Conditions to avoid - No specific data.

10.V. Materials to avoid - Water.

10.VI. Hazardous decomposition products - Under normal conditions of storage and use, hazardous decomposition products should not be produced. In the case of complete combustion the decomposition products carbon dioxide and water are formed.

11. TOXICOLOGICAL INFORMATION

No data from animal experiments.

The existing data and the toxicological evaluation of the product, taking into account the actual prescription proportions of hazardous substances contained in it, indicate that the product does not pose a health risk when properly used for its intended purpose.

11.I. Information on toxicological effects

Product name

ammonium chloride

Result Dose Exposure

LD50 Dermal
LD50 oral rabbit
Rat 3342 mg / kg 238 mg / l



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Ethanol

LC50 Inhalation Vapors
LD50 oral
LD50 oral
LD50 Oral Rat

Mouse

Rat

Rat 20000 mg / l

3450 mg / kg

7060 mg / kg

7060 mg / kg 10 hours

11.I.I. Health effects of acute exposure

Not known.

11.II. Health effects of chronic exposure

Repeated exposure may cause slight skin irritation

11.III. Health effects of local exposure

Based on available data

Used according to application, regulation and safety is not a hazard. The product is non-toxic

Inhalation: Slight at ambient temperature

Skin contact: Repeated or prolonged contact may cause skin degreasing, which may lead to skin irritation and / or dryness.

Eye contact: May cause redness and discomfort, what is temporary.

Ingestion: Ingestion of very large quantities can cause discomfort and irritation of the digestive tract.

12. ECOLOGICAL INFORMATION

Do not put the product deliberately into drains or water tanks.

12.I.Toxicity

The product is non-toxic



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12.II. Persistence and degradability

The product is biodegradable

Observe the Regulation of the Minister of the Environment of 29 November 2002 (Journal of Laws No. 212, item 1799) on the conditions to be met for the introduction of sewage into waters or to land and on substances particularly harmful to the aquatic environment.

13. DISPOSAL CONSIDERATIONS

13.I. Method of removing surplus or waste

Product waste in the first place should be recovered. Wastes that have not been recovered, should be disposed (disposed of, waste code 16 03 06)

13.II. Handling of contaminated packaging.

Use reusable packaging after use again.

Disposable containers can be cleaned with water.

Dispose in accordance with the Packaging and Packaging Waste Act.

Plastic packaging code 15 01 02

Package code of paper and cardboard 15 01 01

Existing EC, national and local regulations must always be followed, if in doubt, contact the local Environmental Protection Agency for advice.

Legal basis:

Waste Act of 27 April 2001 (Journal of Laws No. 62, item 628), as amended

The Packaging and Packaging Waste Act of 27 April 2001 (Journal of Laws No. 63, item 638), as amended

Regulation of the Minister of the Environment of 27 September 2001 on the waste catalog (Journal of Laws No. 112, item 1206)

14. TRANSPORT INFORMATION

Packaging and transport are not subject to the provisions concerning the carriage of dangerous goods.

14.I. UN number (UN number)

Not applicable



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14.II. Proper shipping name UN

Not applicable

14.III. Hazard classes in transport

Not applicable

14.IV. Packing group

Not applicable

14.V. Environmental hazards

Not applicable

14.VI. Special precautions for users

Lack

The product in terms of transport regulations is not hazardous material.

14.VII. Loose transport according to Annex II of MARPOL73 / 78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

15.I. Specific regulations on safety, health and environment specific for mixtures

- Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protective equipment (Journal of Laws No. 259 item 2173).
- Regulation of the Minister of Labor and Social Policy of 29 November 2002 on maximum permissible concentrations and intensities of factors harmful to health in the work

environment (Journal of Laws No. 217, item 1833, as amended).

- Act of 27 April 2001 on waste (Journal of Laws No. 62, item 628, as amended).
- Act of 11 May 2001 on packaging and packaging waste (Journal of Laws No. 63, item 638, as amended).
- Law of 27 April 2001 on environmental protection (Journal of Laws 62, item 627, as amended).



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- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC and amending Regulation (EC) No 1907/2006 (OJ L 353 of 31.12.2008, as amended).
- 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, Authorization and Restriction of Chemicals (REACH)
- Regulation (EC) No 1336/2008 of the European Parliament and of the Council of 16 December 2008 amending Regulation (EC) No 648/2004 to adapt it to Regulation (EC) No 1272/2008 on the classification, labeling and packaging of substances and mixtures (OJ L 354 of 31 December 2008).
- Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on access (REACH)

15.II. Chemical safety assessment

The supplier has not assessed the chemical safety of the mixture. According to records REACH regulation No chemical safety assessment of this product is required.

16. OTHER INFORMATION

This safety data sheet has been prepared in accordance with Regulation (EC) No. 1907/2006.

This safety data sheet is intended for industrial or professional use.

H-markings:

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

P-sentences: P273 Avoid release to the environment.

P501 Dispose of contents / container to licensed contractors.

The Safety Data Sheet has been prepared in accordance with Commission Regulation (EU) No 453/2010 of 20 May 2010.

The safety data sheet was compiled on the basis of data provided by suppliers of raw materials included in the product as well as possessed knowledge and experience, including information contained in the ESIS and IUCLID databases.

Changes compared to the previous version: General changes to Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008.



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Masterline
professional quality

for your pleasure

- in section 3, the contents of the 15 tabs have been supplemented by 16 symbols.

The product should not be used for purposes other than those mentioned in point 1

Faculty preparing this document: CHEMISTRY.

This document is for information purposes only. The information in it is based on the current state of our knowledge and experience. They do not constitute a guarantee of the product's quality or quality specification and cannot be the basis for complaints. The product should be transported, stored and used in accordance with applicable regulations. The use of the information provided and the use of the product are not controlled by the manufacturer, and therefore the responsibility for the safe use of the product falls on the user.

Compilation Date: 24.02.2005

Revision date: 21.05.2020

This sheet was worked out in accordance with the standard PN-ISO 11014-1.
