

	SAFETY DATA SHEET Compliant with Commission Regulation (EU) 2020/878		
	Date of revision: 20 July 2025	APP Grund Epoxy Spray	Page1 from 9

Section 1. IDENTIFICATION OF THE MIXTURE AND IDENTIFICATION OF THE COMPANY

1.1. Product identifier:

Trade name: **APP Grund Epoxy Spray - Light grey/dark grey epoxy primer**

Trade code: **021205, 021206 UFI:**

MJQV-K125-300Q-PX14

1.2. Relevant identified uses of the substance and uses advised against: **Epoxy primer.**

Uses advised against: **Other**

1.3. Details of the supplier of the safety data sheet:

APP Sp. z o. o.

Ul. Przemysłowa 10, 62 – 300 Września

Tel. +48 (061) 437 00 00

Fax: +48 (061) 437 91 37

Email: app@app.com.pl

Website: www.app.com.pl

Current safety data and technical information are available on the website.

Person responsible for the product: **Product Management Department, dzp@app.com.pl**

1.4. Emergency telephone number:

+48 (061) 437 00 00 (between 8 a.m. and 4 p.m.)

Date of preparation of the data sheet: 17 January 2023

Date of revision: 20 July 2025

Section 2. HAZARD IDENTIFICATION

2.1. Mixture classification:

Classification according to Table 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council (GHS Regulation) and based on data provided by the manufacturer:



GHS02



GHS07

Hazard

FlamAerosol1: H222 Extremely flammable aerosol.

H229 Pressurised container: Heating may cause an explosion. EyeIrrit2: H319 Causes serious eye irritation.

STOT SE3: H336 May cause drowsiness or dizziness.

AquaticChronic3: H412 Harmful to aquatic life with long lasting effects. EUH 066 Repeated exposure may cause skin dryness or cracking.

EUH211 Warning! Spraying may produce dangerous respirable droplets. Do not breathe spray or mist.

2.2. Labelling elements:

Contains:

Acetone

Propan-2-ol

Isobutanol

Signal word: Danger **GHS**

pictograms:



GHS02



GHS07

Hazard statements:

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated. H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

EUH 066 Repeated exposure may cause skin dryness or cracking.

EUH211 Warning! Spraying may produce dangerous respirable droplets. Do not breathe spray or mist.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P260 Do not breathe vapours/spray.

P501 Dispose of container and its contents in accordance with local, regional, national or international regulations.

2.3. Other hazards:

UN: 1950

VOC (2004/42/EC, IIc: 780) 683.4 g/l VOC

No information available on compliance with PBT or vPvB criteria in accordance with Annex XIII of Regulation 1907/2006 (REACH). No tests have been carried out.

The product does not contain any ingredients listed in accordance with Article 59(1) as having endocrine-disrupting properties, nor any ingredients with endocrine-disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration equal to or greater than 0.1%.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Not applicable.

3.2. Mixtures:

The classification of substances contained in the product is given in accordance with Table 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council (GHS Regulation) and based on data provided by the manufacturer.

Name of hazardous substance	Concentration range	CAS number	Index number	EC number	Hazard symbols
Dimethyl ether REACH No.: 01-2119472128-37	25-<50%	115-10-6	603-019-00-8	204-065-8	GHS02; GHS04 Hazard Flammable gas 1: H220 Flammable liquid 1: H224 Pressurised gas: H280
Acetone REACH Registration No.: 01-2119471330-49	25-<50%	67-64-1	606-001-00-8	200-662-2	GHS02; GHS07 Flammable Liquid 2: H225 Eye Irritation 2: H319 Specific Target Organ Toxicity 3: H336 EUH066

		SAFETY DATA SHEET Compliant with Commission Regulation (EU) 2020/878			
		Date of revision: 20.07.2025	APP Grund Epoxy Spray		Page 3 of 9
Xylene REACH Registration No.: 01-2119488216-32	<10%	1330-20-7	601-022-00-9	215-535-7	GHS02; GHS07; GHS08 Flammability Liq.3: H226 AspTox1: H304 STOT RE2: H373 AcuteTox4: H302 Acute Tox.4: H332 SkinIrrit2: H315 EyeIrrit2: H319
Propan-2-ol; isopropyl alcohol; isopropanol REACH registration number: 01- 2119457558-25	<10%	67-63-0	603-117-00-0	200-661-7	GHS02; GHS07 Hazard Flam.Liq.2: H225 EyeIrrit2: H319 STOT SE3: H336
Titanium oxide - dusts REACH Reg. No.: 01- 2119489379-17	<5 %	13463-67-7	none	236-675-5	Carc2: H351
Isobutyl alcohol; Isobutanol; 2-methylpropan-1-ol REACH registration number: 01- 2119484609-23	<2.5%	78-83-1	603-108-00-1	201-148-0	GHS02; GHS05; GHS07 Flammability Liq. 3: H226 STOT SE 3: H335 Skin Irrit. 2: H315 Eye Dam. 1: H318 STOT SE 3: H336
Zinc oxide	<1 %	1314-13-2	030-013-00-7	215-222-5	GHS09 Note AquaticChronic1: H410 AquaticAcute: H400

For the wording of the phrases used, see p. 16.

Section 4. FIRST AID MEASURES

4.1. Description of first aid measures:

4.1.1 First aid guidelines according to relevant exposure routes:

Show the Safety Data Sheet to the doctor providing assistance. In case of exposure to vapours and aerosols of the product, move the affected person to a well-ventilated area - seek medical assistance

- Respiratory tract: immediately move the affected person to a well-ventilated area; place the affected person in a semi-recumbent position, loosen clothing, ensure that there are no objects or secretions in the affected person's mouth that could impede breathing; if the affected person is not breathing, perform artificial respiration; seek medical assistance immediately.
- Skin: remove contaminated clothing; wash contaminated skin with plenty of soap and water; do not use any solvents or thinners to wash the skin; apply a moisturising cream to the cleaned skin; if skin irritation occurs, consult a doctor.
- eyes: rinse contaminated eyes with your eyelids open under a steady stream of running water for 10 to 15 minutes; avoid strong water jets, which may damage the cornea; if burning or irritation persists, consult a doctor; Do not use any eye wash or ointment before consulting a doctor. If the affected person wears contact lenses, remove them if possible. Seek medical attention if eye irritation occurs.
- Gastrointestinal tract: rinse mouth with plenty of running water; do not induce vomiting; consult a doctor immediately – show the doctor the Safety Data Sheet or Label.

4.1.2. Other:

None.

4.2. Most important acute and delayed symptoms and effects of exposure:

Acute symptoms:

May cause drowsiness or dizziness. Delayed symptoms:



May cause drowsiness or dizziness.

4.3. Indications for any immediate medical attention and special treatment of the injured person:

If a significant amount of the product has been ingested, consult a doctor.

Section 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

- a) Recommended extinguishing media: Water spray, powder extinguishers, alcohol-resistant foam.
- b) Unsuitable extinguishing media: Avoid strong water jets, which may spread the fire.

5.2. Special hazards arising from the substance:

Vapours of the product form flammable and explosive mixtures with air. Vapours may rise to the source of ignition

and return as a flashback. Heating, sparks or contact with fire may cause ignition. Emits toxic gases in a fire. Keep away from sources of ignition - no smoking during spraying. Keep out of the reach of children. Without adequate ventilation, explosive mixtures may form.

5.3. Information for fire-fighters:

Wear self-contained breathing apparatus and appropriate protective clothing.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

- wear protective clothing, gloves, goggles and a gas mask when removing the material

6.1.2. For emergency responders:

- Avoid the formation and inhalation of vapours and aerosols of the product during removal
- Wear well-fitting and close-fitting safety goggles, protective gloves and protective clothing. Caution! Spraying may create dangerous respirable droplets. Do not inhale sprayed liquid or mist.

6.2. Environmental precautions:

- in case of large spills into water or soil, notify the relevant authorities

6.3. Methods and materials for preventing the spread of contamination and for removing contamination:

6.3.1. Recommendations for preventing the spread of spillage:

- Store and transport in sealed containers.
- remove the product immediately
- do not allow the product to enter the water or drainage system
- rinse the area after removing the product and equipment that has come into contact with the product with water

6.3.2. Recommendations for spill disposal:

- absorb with non-combustible absorbent material (e.g. diatomaceous earth)
- collect absorbent material in a well-labelled, sealable container
- eliminate all possible sources of ignition, do not smoke

6.3.3. Other information:

None

6.4. References to other sections:

See information in sections 8 and 13.

Section 7. HANDLING AND STORAGE

7.1. Precautions for safe handling:

7.1.1. General recommendations:

- Avoid electrical and electrostatic discharges.
 - prevent the formation of vapour concentrations in the air in which mixtures with air may be explosive, as well as concentrations exceeding hygienic standards
 - ensure easy access to fire extinguishing agents and equipment necessary for spill removal substances
 - follow the general rules of occupational health and safety when working with chemicals; strictly follow the established procedures; when working with the product, follow the general health and safety regulations contained in the Regulation of the Minister of Labour and Social Policy of 30 December 2004 (Journal of Laws No. 11 of 2005, item 86); follow the recommendations contained in the instructions provided by the manufacturer
 - do not allow contamination of eyes, skin and clothing
 - avoid prolonged and repeated exposure
- 7.1.2. Occupational hygiene instructions:
- do not eat or drink during use
 - do not smoke while working with the product
 - Warning! Spraying may create dangerous respirable droplets. Do not inhale sprayed liquid or mist.

- When working with the product, wear appropriate work (protective) clothing and protective gloves (rubber or PVC).
- An eye wash station must be available at the workplace.
- Observe personal hygiene rules.
- Do not eat, drink or smoke while working with the product, except in designated areas. Wash your hands before breaks and after finishing work. If necessary, use hand cream.
- work in ventilated rooms

7.2. Conditions for safe storage, including any incompatibilities:

- store the product in cool, dry and well-ventilated areas
- do not store near food/feed products
- Packaging should be sealed and properly labelled.
- for safety reasons, it is best to store the product in its original packaging
- protect packaging from mechanical damage

7.3. Specific end uses:

None.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT**8.1. Control parameters:****8.1.1. Maximum permissible concentrations in the working environment:**

According to the Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum permissible concentrations and intensities of factors harmful to health in the working environment (Journal of Laws 2018, item 1286, as amended)

Dimethyl ether:	NDS: 1000 mg/m ³	NDSCh: not established
Acetone:	NDS: 600 mg/m ³	NDSCh: 1800 mg/m ³
Xylenes:	NDS: 100 mg/m ³	NDSCh: 200 mg/m ³
Propan-2-ol:	NDS: 900 mg/m ³	NDSCh: 1200 mg/m ³
Titanium dioxide:	NDS: 10 mg/m ³ (inhalable fraction)	
Zinc oxide:	NDSCh: 10 mg/m ³	NDS: 5 mg/m ³ (inhalable fraction)
Isobutanol:	NDS: 100 mg/m ³	STEL: 200 mg/m ³

8.1.2. Recommended monitoring procedures:

- PN-89/Z-01001/06. Air purity protection. Names, definitions and units. Terminology relating to air quality testing in the workplace.
- PN-89/Z-04008/07. Air purity protection. Sampling. Rules for air sampling in the workplace and interpretation of results.
- PN-79/Z-04057 sheet 01 Air purity protection. Acetone content testing. Determination of acetone at workplaces using gas chromatography with sample enrichment.
- PN-89/Z-04023 sheet 02 Air purity protection. Testing the content (in mixtures) of harmful substances emitted from nitrocellulose paint products. Determination of acetone, alcohols: ethyl, n-butyl, isobutyl, ethoxyethyl, butoxyethyl; acetates: ethyl, n-butyl, ethoxyethyl, toluene and xylene at workplaces using gas chromatography.
- PN-78/Z-04116/01 Air purity protection. Testing for xylene content. Determination of xylene at workstations using gas chromatography with sample enrichment.
- PN-Z-04155-02:1986. Isobutanol
- PN-Z-04023-02:1989. Isobutanol

8.1.3. Maximum permissible concentration in biological material (DSB):

Xylene:

- substance determined: methyl hippuric acid
- maximum permissible concentration in biological material (DSB): 1.4 g/l in urine

8.1.4. DNEL and PNEC values:

No DNEL or PNEC values have been determined for this substance.

8.2. Exposure control:**8.2.1. Appropriate technical control measures:**

Medical examinations of employees and testing and measurement of harmful factors shall be carried out in accordance with applicable regulations.

8.2.2. Personal protective equipment:

- a) Eye or face protection: safety glasses with side shields
- b) Skin protection: protective gloves: butyl rubber, 0.4 mm, breakthrough time: acetone: 480 min, butyl acetate: 60 min, ethyl acetate: 170 min, xylene: 42 min
- c) Respiratory protection: adequate ventilation



Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Physical state

liquid in aerosol

Colour

grey

Odour

characteristic

Melting/freezing point

No data

Boiling point or initial boiling point and boiling range

Not specified

Flammability of

materials No data

available

Lower and upper explosion limits

Not determined

Flash point Not applicable

Auto-ignition temperature

Not applicable

Decomposition

temperature No data

available

pH

No data

Kinematic viscosity No

data available

Solubility

No data

n-octanol/water partition coefficient (log value)

No data

Vapour

pressure Not

determined

Density or relative density

0.8 g/l

Relative vapour density:

No data available

Molecular

characteristics Not

applicable

9.2. Other information:

Information on physical hazard classes

No data

Other safety properties

VOC/LZO 683.4 g/l

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity:

The product is not reactive.

10.2. Chemical stability:

The product is chemically stable.

10.3. Possibility of hazardous reactions:

None known.

10.4. Conditions to avoid:

High temperature. Sources of ignition, sources of heat, sources of sparks.

10.5. Incompatible materials:

- strong oxidisers
- concentrated acids

10.6. Hazardous decomposition products:

- carbon oxides
- toxic gases and fumes

Section 11. TOXICOLOGICAL INFORMATION

	SAFETY DATA SHEET Compliant with Commission Regulation (EU) 2020/878		
	Date of revision: 20 July 2025	APP Grund Epoxy Spray	Page 7 from 9

11.1. Information on toxicological effects:

a) Acute toxicity

No data available.

The mixture is not classified as hazardous in this class.

b) Skin corrosion/irritation

No data available.

The mixture is not classified as hazardous in this class.

c) Serious eye damage/eye irritation

Irritating to eyes.

d) Respiratory or skin sensitisation

No data available.

The mixture is not classified as hazardous in this category.

e) Mutagenic effects

No data available.

The mixture is not classified as hazardous in this category.

f) Carcinogenicity

No data available.

The mixture is not classified as hazardous in this category.

g) Reproductive toxicity

No data available.

The mixture is not classified as hazardous in this class.

h) Specific target organ toxicity – single exposure

May cause drowsiness or dizziness.

i) Specific target organ toxicity – repeated exposure

No data available.

The mixture is not classified as hazardous in this category.

j) Aspiration hazard:

No data available.

The mixture is not classified as hazardous in this category.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

The product does not contain any ingredients listed in accordance with Article 59(1) as having endocrine-disrupting properties, nor any ingredients with endocrine-disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration equal to or greater than 0.1%.

11.2.2. Other information

Repeated exposure may cause skin dryness or cracking.

Caution! Spraying may produce hazardous respirable droplets. Do not inhale sprayed liquid or mist.

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity:

- Harmful to aquatic organisms, causing long-term adverse effects.
- may cause long-lasting adverse changes to the aquatic environment
- Follow the instructions or safety data sheet.

12.2. Persistence and degradability:

The components of the product are biodegradable.

12.3. Bioaccumulative potential:

No data available.

12.4. Mobility in soil:

No data available.

12.5. Results of PBT and vPvB assessment:

None.

12.6. Endocrine disrupting properties

None

12.7 Other adverse effects:

None

Section 13. WASTE DISPOSAL

13.1. Waste disposal methods:

13.1.1. Product:

- type of waste: Waste paints and varnishes containing organic solvents or other hazardous substances
 - Waste code: 08 01 11*
 - hazardous waste
 - If possible, recover and return to production. Do not dispose of with municipal waste. Do not dispose of in the sewer system. Do not allow to contaminate surface water or groundwater and soil. Dispose of in accordance with current regulations on chemical waste. Dispose of only in designated areas, in installations or devices that meet legal requirements.
- 13.1.2 Packaging:
- type of waste: Empty pressure containers
 - Waste code: 15 01 11
- Act of 13 June 2013 on packaging and packaging waste management (Journal of Laws 2013, item 888, as amended)

Section 14. TRANSPORT INFORMATION LAND TRANSPORT:

- 14.1. UN number (United Nations number): 1950
- 14.2. Proper UN shipping name: AEROSOLS, FLAMMABLE
- 14.3. Transport hazard class: 2
- 14.4. Packing group: -
- 14.5. Environmental hazards: none
- 14.6. Special precautions for users: None
- 14.7. Sea transport in bulk in accordance with IMO instruments: not applicable

Section 15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

1. 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 (30.12.2006 EN Official Journal of the European Union L 396/1) as amended (9.10.2008 EN Official Journal of the European Union L 268/14; 17.2.2009 EN Official Journal of the European Union L 46/3; 26.6.2009 EN Official Journal of the European Union L 164/7; 1.4.2010 EN Official Journal of the European Union L 86/7; 31.5.2010 EN Official Journal of the European Union L 133/1; 18.2.; EN Official Journal of the European Union L 44/2; 21.5.2011 EN Official Journal of the European Union L 134/2) as amended.
2. 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 (known as the GHS Regulation) (31.12.2008 EN Official Journal of the European Union L 353/1), as amended.
3. Act of 28 May 2020 amending the Act on chemical substances and mixtures thereof and certain other acts (Journal of Laws 2020, item 1337)
4. Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum permissible concentrations and intensities of factors harmful to health in the working environment (Journal of Laws 2018, item 1286)
5. Regulation of the Minister of Health of 2 February 2011 on testing and measuring factors harmful to health in the working environment (Journal of Laws 2011, No. 33, item 166)
6. Commission Regulation (EU) No 252/2011 of 15 March 2011 amending Annex I to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
7. COMMISSION REGULATION (EU) No 253/2011 of 15 March 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XIII
8. Regulation of the Minister of Development of 8 August 2016 on the limitation of emissions of volatile organic compounds contained in certain paints and varnishes intended for painting buildings and their finishing elements, equipment and related to buildings and these structural elements, and in mixtures for vehicle renovation (Journal of Laws 2016, item 1353)
9. Regulation of the Minister of Economy of 10 March 2014 amending the regulation on specific requirements for aerosol products (Journal of Laws 2014, item 345)
10. COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

	SAFETY DATA SHEET Compliant with Commission Regulation (EU) 2020/878		
	Date of revision: 20 July 2025	APP Grund Epoxy Spray	Page 9 from 9

11. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment:

No data available.

Section 16. OTHER INFORMATION

Wording of the hazard statements listed in sections 2 and 3 of the data sheet: H220

	Extremely flammable gas	
H224	Extremely flammable liquid and vapour	
H225	Highly flammable liquid and vapour	
H226	Flammable liquid and vapour	
H228	Flammable solid	
H280	Contains gas under pressure; heating may cause an explosion	
H302	Harmful if swallowed	
H312	Harmful in contact with skin.	
H315	Irritating to skin	
H317	May cause an allergic skin reaction.	
H319	Irritating to eyes	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
EUH066	Repeated exposure may cause skin dryness or cracking. H400	Very
toxic to aquatic life.		
H410	Very toxic to aquatic life with long-lasting effects. H411	Toxic to aquatic
life with long-lasting effects.		

Medical examinations of employees and tests and measurements of harmful factors should be carried out in accordance with applicable regulations.

The above information has been compiled based on current knowledge and experience. However, it does not constitute a guarantee of product properties or quality specifications and cannot be used as a basis for complaints. The product should be transported, stored and used in accordance with applicable regulations and good practice and hygiene at work.

The manufacturer is not liable for any losses resulting directly or indirectly from the application of the above interpretation of regulations or instructions.

The information provided may not apply to mixtures of the product with other substances. The use of the information provided and the use of the product are not controlled by the manufacturer, and therefore it is the user's responsibility to create appropriate conditions for the safe handling of the product.

The safety data sheet was prepared by **CHEM-NET Magdalena Granosikchem-net@wp.pl**, on behalf of **APP Sp. z o.o.** The sheet was prepared on the basis of current national regulations. The sheet was prepared on the basis of data provided by the manufacturer and current knowledge and experience.