

	SAFETY DATA SHEET Compliant with Commission Regulation (EU) 2020/878		
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Section 1. IDENTIFICATION OF THE MIXTURE AND IDENTIFICATION OF THE COMPANY

1.1. Product identifier:

Trade name: APP Ultra

Trade code: 010406, 010407, 010408, 010409 UFI:

DS02-V0U7-700F-C5WT

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

Filler.

Uses advised against:

Other than those listed above.

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 available on the website.

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

1.4. Emergency telephone number:

+48 (61) 437 00 00 (between 8 a.m. and 4 p.m.)

Date of preparation of the card: 25 February 2015

Date of update: 21 March 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



GHS08

Hazard

FlamLiq3: H226 Highly flammable liquid and vapour. SkinIrrit2: H315 Causes skin irritation

EyeIrrit2: H319 Causes serious eye irritation

SkinSens1: H317 May cause an allergic skin reaction.

Repr2: H361d Suspected of damaging the unborn child.

STOT RE1: H372 Causes damage to organs (inhalation)

through prolonged or repeated exposure

The product is not classified as AspTox1: H304 due to its high viscosity (>20.5 mm²/s, 40°C).

2.2. Labelling elements:

Contains:

Styrene

Cobalt 2-ethylhexanoate

Signal word: Danger GHS

pictograms:

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GHS02



GHS07



GHS08

Hazard statements:

H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes eye irritation. H317 May cause an allergic skin reaction. H361d Suspected of damaging the unborn child. H372 Causes damage to organs through prolonged or repeated exposure (inhalation). EUH212 Warning! Hazardous respirable dust may be formed during use. Do not breathe dust.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 If exposed or concerned: Contact a POISON CENTRE/doctor P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with running water/shower. P403 Store in a well-ventilated place. P501 Dispose of contents/container to an authorised waste disposal facility.

2.3. Other hazards:

VOC (2004/42/EC, IIb: 250 g/l) max. 212.5 g/l VOC

UN: 3269

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 the hazardous substance	Concentration range	CAS number	Index number index number	Number EC	Hazard symbols Hazard
Styrene REACH: 01-2119457861-32	10-<25%	100-42-5	601-026-00-0	202-851-5	GHS02; GHS07; GHS08 Note Flam.Liq.3: H226 STOT RE1: H372 Repr2: H361d AspTox1: H304 AcuteTox4: H332 SkinIrrit2: H315 EyeIrrit2: H319

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Cobalt 2-ethylhexanoate REACH: 01-2119524678-29	<0.3%	136-52-7	none	205-250-6	GHS07; GHS09 Note SkinSens1: H317 AquaticAcute1: H400 Aquatic Chronic 3: H412
Ethyl acetate REACH: 01-2119475103-46	<2.5%	141-78-6	607-022-00-5	205-500-4	GHS02; GHS07 Hazard Flam. Liq. 2; H225 Eye Irrit. 2: H319 STOT SE 3: H336

For the wording of the phrases used, see section 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; if the affected person is conscious, give them small amounts of water to drink (approx. 0.2÷0.3 l); do not give anything to an unconscious person; if the affected person feels unwell, consult a doctor.

4.1.2. Other:

None.

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

Acute symptoms:

Harmful if inhaled.

Suspected of causing harm to the unborn child. Delayed symptoms:

Causes damage to organs through prolonged or repeated exposure (hearing organ). Contains cobalt 2-ethylhexanoate. May cause an allergic reaction.

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

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

Section 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

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

5.2. Special hazards arising from the substance or mixture:

Flammable liquid and vapour. Product vapours form flammable and explosive mixtures with air. Vapours may travel to the source of ignition and flash back. 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.

spraying.

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Keep away from children. Without adequate ventilation, explosive mixtures may form explosive mixtures

5.3. Information for the fire brigade:

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 dust 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 glasses, protective gloves and protective clothing.

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 rinse 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
- do not allow concentrations of product vapours in the air to form where mixtures with air may be explosive, or concentrations exceeding hygiene standards
- ensure easy access to fire extinguishing agents and equipment necessary for cleaning up spills of substances
- comply with general rules of occupational health and safety when working with chemicals and good industrial practice; strictly follow the procedures developed; when working with the product, apply 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
- avoid contamination of eyes, skin and clothing
- avoid prolonged and repeated exposure

7.1.2. Occupational hygiene instructions:

- do not eat or drink while using the product
- do not smoke while working with the product
- avoid creating and inhaling product vapours
- wear appropriate work clothing (protective clothing) and protective gloves (rubber or PVC) when working with the product
- 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, apply hand cream if necessary.
- Work in well-ventilated areas.

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.

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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)

Styrene: NDS: 50 mg/m³ NDSCh: 100
 mg/m³Ethyl acetate: NDS: 734 mg/m⁽³⁾ NDSCh: 1468
 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-71/Z-04035. Air purity protection. Determination of styrene content.
- PN-86/Z-04152/02. Air purity protection. Styrene content testing. Determination of styrene at workplaces using gas chromatography with sample enrichment.
- PN-68/Z-04051 Determination of ethyl acetate and butyl acetate in air.
- PN-78/Z-04119 Air purity protection. Testing for acetic acid esters. Determination of methyl, ethyl, propyl, butyl and amyl acetates 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 workstations using gas chromatography.

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

- Styrene:
- absorbed substance: styrene
 - substance determined: mandelic acid
 - DSB: 16 mg/hour (urine)
 - absorbed substance: styrene
 - substance measured: mandelic acid + phenylglyoxylic acid
 - DSB: 25 mg/hour (urine)

8.1.4. DNEL and PNEC values:

No DNEL and PNEC values have been determined for the substance.

8.2. Exposure control:

8.2.1. Appropriate engineering controls:

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

8.2.2. Personal protective equipment:

- Eye or face protection: in case of frequent exposure, goggles or spectacles that fit snugly against the face
- Skin protection: protective clothing (work clothes), protective gloves (nitrile rubber, material thickness 0.4 mm)
- Respiratory protection: effective ventilation; in case of frequent exposure, a mask with absorber, multi-gas

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Physical state

paste

Colour

beige

Odour

Characteristic

Melting/freezing point

No data

Boiling point or initial boiling point and boiling range

>77°C

Flammability of materials

No data

Lower and upper explosion limits

Not specified **Flash**

point 32°C



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Auto-ignition temperature

>238°C

Decomposition temperature

No data

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

1.23 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 212.5 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:

None known.

10.6. Hazardous decomposition products:

- carbon oxides
- toxic gases and fumes

Section 11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes defined in Regulation (EC) No 1272/2008a)

a) Acute toxicity

Styrene:

LD50 (rat, oral): 2650 mg/kg LD50

(rabbit, dermal): >2000 mg/kg

LC50 (rat, inhalation): 11,800 mg/m³ /4 hours

Harmful if inhaled.

b) Skin corrosion/irritation

Irritating to skin.

c) Serious eye damage/eye irritation

Irritating to eyes.

d) Respiratory or skin sensitisation

May cause an allergic skin reaction.

e) Mutagenic effects

No data available.

The mixture is not classified as hazardous in this category.

f) Carcinogenic effects

No data available.

The mixture is not classified as hazardous in this category.

g) Reproductive toxicity

Suspected of damaging the unborn child.

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h) Specific target organ toxicity – single exposure

No data available.

The mixture is not classified as hazardous in this category.

i) Specific target organ toxicity – repeated exposure

Causes damage to organs through prolonged or repeated exposure (inhalation)

j) Aspiration hazard:

No data available.

The mixture is not classified as hazardous in this class.

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

Warning! Hazardous respirable dust may be generated during use. Do not inhale dust.

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity:

The mixture is not classified as harmful to the environment. Avoid discharge into the environment.

Follow the instructions or safety data sheet. Toxicity (styrene):

- for fish LC50: 9.0 mg/kg/96 hours
- for invertebrates EC50: 4.7 mg/l/48 hours
- for algae EC50: 1.4 mg/l/72 hours

12.2. Persistence and degradability:

The substance is biodegradable.

12.3. Bioaccumulation 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: Paint and varnish waste 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 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: Metal packaging
- Waste code: 15 01 04

Section 14. TRANSPORT INFORMATION LAND TRANSPORT:

14.1. UN number (UN number): 3269

14.2. Proper UN shipping name: POLYESTER RESIN IN KIT

14.3. Transport hazard class: 3

14.4. Packing group: III

14.5. Environmental hazards: none

14.6. Special precautions for users: None

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

Other:

Identification code: F1

Labels: 3

Hazard identification number: none

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 L268/14; 17.2.2009 EN Official Journal of the European Union L46/3; 26.6.2009 EN Official Journal of the European Union L164/7; 1.4.2010 EN Official Journal of the European Union L86/7; 31.5.2010 EN Official Journal of the European Union L133/1; 18.2.; EN Official Journal of the European Union L44/2; 21.5.2011 EN Official Journal of the European Union L134/2) 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 work 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, fittings and elements related to buildings and these structural elements, as well as in mixtures for vehicle restoration (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).
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: H225

	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	H315 Irritating to skin.
H317	May cause an allergic skin reaction.	
H319	Irritating to eyes.	
H332	Harmful if inhaled.	
H336	May cause drowsiness or dizziness.	H361d Suspected of damaging the unborn child.

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H372 Causes damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life.
H412 Harmful 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 Granosik**chem-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.
