SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Trade name: **APP Klarlack UHS 410 2:1 Two-component acrylic clear coat**
Trade code: **020135, 020136**

1.2. Relevant identified uses of the substance/mixture and uses advised against

Lacquer

1.3. Details of the supplier of the safety data sheet

Company: **APP Sp. z o. o.**
ul. Przemysłowa 10, 62 – 300 Września
Tel. +48 (061) 437 00 00
Fax. +48 (061) 437 91 37
Mail: app@app.com.pl
Strona WEB: www.app.com.pl

Safety Data Sheet e-mail: **dzp@app.com.pl**

1.4. Emergency telephone number:
+48 (61) 437 00 00

Date of issue: 2020-10-06

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

GHS02 **GHS07** **GHS09**

Danger
FlamLiq3: H226 Flammable liquid and vapour.
SkinSens1: H317 May cause an allergic skin reaction
STOT SE3: H336 May cause drowsiness or dizziness
AquaticChronic2: H411 Toxic to aquatic life with long lasting effects

2.2. Label elements

Labelling according Regulation (EC) No 1272/2008

Contains:
Butyl acetate
Mixture of hydroxyphenyl benzo triazole derivatives
Tetrakis (3-mercapto propionate) pentaerythril
Reaction product of pentamethylpiperidyl sebacate
Phosphoric acid trisodecyl ester

Signal word:

Warning

Pictogram:

GHS02 **GHS07** **GHS09**

Hazard statement(s)

H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction
H336 May cause drowsiness or dizziness
H411 Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+ P361+ P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+ P233 Store in a well-ventilated place.Keep container tightly closed.
P501 Dispose of contents/container to an authorised waste collection point.

2.3 Other hazards

Does not fulfil criteria of PBT and vPvB according to annex XIII 1907/2006
UN: 1263

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

Name	Conc.	CAS No	Index No	EC No	Classification:
n-butyl acetate REACH Reg. No 01-2119485492-29-XXXX	20-30 %	123-86-4	607-025-00-1	204-658-1	**GHS02; GHS04** **Wng** **Flam.Liq.3: H226** **STOT SE3: H336** **EUH066**
4-metylopentan-2-on REACH> Reg. No 01-2119473980-30	<10%	108-10-1	606-004-00-4	203-550-1	**GHS02; GHS07** **Dgr** **FlamLiq2: H225** **AcuteTox4: H332** **EyeIrrit2: H319** **STOT SE3: H335**
Heptan-2-on REACH Reg. No; 01-2119902391-49	<10%	110-43-0	606-024-00-3	203-767-1	**GHS02; GHS07** **Dgr** **FlamLiq3: H226** **AcuteTox4: H302** **AcuteTox4: H332**
2-Butoxyethyl acetate REACH Reg. No: 01-2119475112-47	<10%	112-07-2	607-038-00-2	203-933-3	**GHS07** **Wng** **AcuteTox4: H312** **AcuteTox4: H332**
Hydroxy phenylbenzotriazol derivatives mixture	<1%	104810-47-1	607-176-00-3	400-830-7	**GHS07; GHS09** **Wng** **SkinSens.1: H317** **AquaticChronic2:H411**

Tetrakis (3-mercapto propionate) pentaerythrone	<2,5%	7575-23-7	-	231-472-8	**GHS07; GHS09 Wng AcuteTox4: H302 AcuteTox4: H332 SkinIrrit2: H315 SkinSens.1: H317 Aquatic Chronic 2: H411**
Reaction product of pentamethylpiperidyl sebacate REACH Reg No 01-2119491304-40	<1%	1065336-91-5	-	915-687-0	**GHS07; GHS09 Wng SkinSens1: H317 AquaticAcute1: H400 AquaticChronic1: H410**
Phosphoric acid trisodecyl ester	<1%	77745-66-5	-	278-758-9	**GHS07; Wng SkinSens.1: H317**
Dibutyltin dilaurate REACH Reg. No: 01-2119496068-27	<0,25%	77-58-7	-	201-039-8	**GHS06; GHS07; GHS08; GHS09 Dgr AcuteTox3: H301 Muta2: H341 Repr1B: H360 STOT RE1: H372 AquaticAcute1: H400 AquaticChronic1: H410 AcuteTox4: H312 SkinIrrit2: H315 EyeIrrit2: H319**

Full text of H-Phrases can be found under heading 16

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing. After contact with skin, wash immediately with soap and plenty of water. . In case of irritation, consult a doctor

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time. In case of irritation, consult an ophthalmologist. Remove Contact Lenses

In case of Ingestion:

Do not under any circumstances induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor immediately and show him label or Safety Data Sheet.

In case of Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of respiration problems , consult a doctor immediately and show him label or Safety Data Sheet.

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

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

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

In case if ingestion consult a doctor.

Treatment:

None

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Extinguishing media which must not be used for safety reasons:
Water jet.

5.2. Special hazards arising from the substance or mixture
Flammable liquid. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Toxic fumes may be evolved on burning or exposure to heat. Do not inhale explosion and combustion gases.

5.3. Advice for fire-fighters
Fires in confined spaces should be dealt with by trained personnel warning approved air supplied brething apparatus. Water may be used to cool nearby heat exposed areas/objects/packages. Avoid spraying directly into storage containers because of the danger of boil-over. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Provide adequate ventilation.
Use appropriate respiratory protection.
See protective measures under point 7 and 8.

6.2. Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.

6.3. Methods and material for containment and cleaning up
Contain and recover liquid using sand or other suitable inert absorbent material. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated. Recovery of large spillages should be effected by specialist personnel. Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. Large and uncontained spillages should be smothered in foam to reduce the risk of ignition. The foam blanket should be maintained until the area is declared safe. Vapour is heavier than air and may travel to remote sources of ignition (e.g. along drainage systems, in basements, etc.). In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies. In case of spillage at sea, approved dispersants may be used where authorized by the appropriate regulatory authority. In the event of spillages, contact the appropriate authorities.

6.4. Reference to other sections
See Section 8 for information on personal protection equipment.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid breathing vapours or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. Air-dry contaminated clothing in a well-ventilated area before laundering. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use local exhaust ventilation if there is risk of inhalation of vapours. Prevent spillages. For comprehensive advice on handling, product transfer, storage and tank cleaning refer to the product supplier. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

7.2. Conditions for safe storage, including any incompatibilities
Store and dispense only in well ventilated areas away from heat and sources of ignition. Store and use only in equipment/containers designed for use with the product. Store at temperature 5-32°C. Containers must be properly labelled and kept closed when not in use. Do not remove warning labels from containers. Do not re-use container for any other product. Empty packages may retain residual product; retain hazard warning labels on empty packages as a guide to their safe handling, storage and disposal. Do not introduce an ignition source. Heating may cause an explosion. Storage on solid, hydrocarbons-proof floor.

7.3. Specific end use(s)
None.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
N.A.

8.2. Exposure controls
Do not eat, drink or smoke while working. Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.
Eye protection:

Wear face visor or goggles in circumstances where eye contact can accidentally occur.
Protection for skin/hands:
Nitrile gloves.
Respiratory protection:
Respiratory protection.
Thermal Hazards:
None
Environmental exposure controls:
None

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Appearance and colour: liquid, colorless
Odour: characteristic
Odour threshold: N.D.
pH: N.A.
Melting point / freezing point: N.D.
Initial boiling point and boiling range: N.D.
Upper/lower flammability or explosive limits: -
Vapour density: N.D.
Flash point: 25ºC
Evaporation rate: N.A.
Vapour pressure: N.D.
Density: 990 kg/m^3 (15ºC)
Solubility in water: insoluble
Solubility in organic solvents: soluble in aromatic solvents
Lipid solubility: N.A.
Partition coefficient (n-octanol/water): N.A.
Ignition temperature: N.D.
Auto-ignition temperature: 415°C
Decomposition temperature: N.A.
Viscosity dyn.: >20,5 mm^2/m (40°C)
Viscosity kin.: N.A.
Explosive properties: can form an explisive mixture in air
Oxidizing properties: not oxidizing
9.2. Other information
VOC: 450,03g/l

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity
Mixture is not reactive.
10.2. Chemical stability
Stable under normal conditions of handling and storage.
10.3. Possibility of hazardous reactions
None.
10.4. Conditions to avoid
- solar radiation
- sparks
- flame
- heat

10.5. Incompatible materials
- strong acids
- oxides and reductors

10.6. Hazardous decomposition products
None.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
May cause drowsiness or dizziness
May cause drowsiness or dizziness
a) acute toxicity: no hazard
b) skin corrosion/irritation: no hazard

c) serious eye damage/irritation: no hazard
d) respiratory or skin sensitization: May cause an allergic skin reaction;
e) germ cell mutagenicity: no hazard
f) carcinogenicity: no hazard
g) reproductive toxicity: no hazard
h) STOT-single exposure: May cause drowsiness or dizziness
i) STOT-repeated exposure: no hazard
j) aspiration hazard: no hazard

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity
Toxic to aquatic life with long lasting effects
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
vPvB Substances: None - PBT Substances: None
12.6. Other adverse effects
None

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations or if approved allowed to degrade in situ. Dispose of product and container carefully and responsibly. Do not dispose of near ponds, ditches, down drains or onto soil. Empty packages may contain some remaining product. Hazard warning labels are a guide to the safe handling of empty packages and should not be removed.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number
1263
14.2. UN proper shipping name
Paint
14.3. Transport hazard class(es)
3
14.4. Packing Group
III
14.5. Environmental hazards
No
14.6. Special Precautions for User
During handling wear personal protection equipment (see Section 8)
Avoid heat and flame.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
N.A.

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.
Where applicable, refer to the following regulatory provisions :
Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)
15.2. Chemical Safety Assessment
No

SECTION 16. OTHER INFORMATION

Full text of phrases referred to in Section 3:
H225 – Highly flammable liquid and vapour
H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H312 - Harmful in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
EUH066 Repeated exposure may cause skin dryness or cracking
H411 - Toxic to aquatic life with long lasting effects

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.