



# SAFETY DATA SHEET

According Commission Regulation (EU) 2020/878

Date of issue: 2023-06-20

APP PU 50

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

### 1.1. Product Identifier

Trade name: APP PU 50

Trade code: 040305, 040306, 040307, 040314, 040315

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

polyurethane adhesive-sealing mass

Uses advised against: other.

### 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](mailto:app@app.com.pl)  
Strona WEB: [www.app.com.pl](http://www.app.com.pl)

Safety Data Sheet e-mail: [dzp@app.com.pl](mailto:dzp@app.com.pl)

### 1.4. Emergency telephone number:

+48 (61) 437 00 00

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## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Mixture is not classified as hazardous.

### 2.2. Label elements

Labelling according Regulation (EC) No 1272/2008

Signal word:

-

Pictogram:

-

### Hazard statement(s)

EUH204 Contains isocyanates. May produce an allergic reaction.

EUH208 Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and 1,2,2,6,6-pentamethyl-4-piperidyl methyl sebacate and Toluene diisocyanate, oligomeric reaction products with 2,2'-oxydiethanol and propylenetriethanol May produce an allergic reaction

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

### Precautionary statement(s)

-

### 2.3 Other hazards

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

**As from 24 August 2023 adequate training is required before industrial or professional use.**

## 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
Reaction mass of ethylbenzene and xylene REACH: 01-2119488216-32 01-2119486136-34	5-<10%	-	-	905-588-0	GHS02; GHS07 FlamLiq3: H226 AcuteTox4: H312 AcuteTox4: H332 SkinIrrit2: H315 EyeIrrit2: H319

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					STOT SE3: H335 STOTRE3: H373 AspTox1: H304
Titanium oxide REACH: 01-2119489379-17	<5 %	13463-67-7	-	236-675-5	-
Toluene diisocyanate, oligomeric reaction products with 2,2'- oxydiethanol and propylidenetrimethanol	<1%	53317-61-6	-	-	GHS07 SkinSens1: H317
4,4-methylenediphenyl diisocyanate; REACH: 01-2119457014-47	<0,1 %	101-68-8	615-005-00-9	202-966-0	GHS07; GHS08; Carc2: H351 RespSens1: H334 STOT RE2: H373 AcuteTox4: H332 SkinIrrit2: H315 EyeIrrit2: H319 STOT SE3: H335 SkinSens1: H317 Specific concentration H319: C ≥ 5 % H335 C ≥ 5 % H315C ≥ 5 % H334: C ≥ 0,1 %
Reaction mass of bis(1,2,2,6,6-pentamethyl- 4-piperidyl) sebacate and 1,2,2,6,6-pentamethyl-4- piperidyl methyl sebacate REACH: 01-2119491304-40	<0,15%	1065336-91-5	-	915-687-0	GHS07; GHS08; GHS09 SkinSens1: H317 AquaticAcute1: H400 AquaticChronic1: H410 Repr2: H361f
Ethyl acetate REACH: 01-2119475103-46	<0,3%	141-78-6	607-022-00-5	205-500-4	GHS02; GHS07 Flam.Liq.2: H225 EyeIrrit2: H319 STOT SE3: H336 EUH066
Toluene diisocyanate REACH: 01-2119454791-34-xxxx	<0,1%	26471-62-5	615-006-00-4	247-722-4	GHS06; GHS08 Carc.2: H351 Acute Tox.2: H330 Eye Irrit.2: H319 STOT SE 3: H335 Skin Irrit.2: H315 Resp. Sens.1: H334 Skin Sens.1: H317 Aquatic Chronic 3: H412 Specific concentration: Resp. Sens. 1; H334: C ≥ 0,1%;

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



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Contains isocyanates. May produce an allergic reaction.

Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and 1,2,2,6,6-pentamethyl-4-piperidyl methyl sebacate. May produce an allergic reaction

Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

### 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

Toxic fumes may be evolved on burning or exposure to heat.

### 5.3. Advice for fire-fighters

Fires in confined spaces should be dealt with by trained personnel wearing approved air supplied breathing 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. 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

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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 (EN 420 or EN374)

#### Respiratory protection:

Respiratory protection in case of high concentration of mixture.

#### Thermal Hazards:

None

#### Environmental exposure controls:

None

## 9.1. Information on basic physical and chemical properties

Appearance and colour: paste, color according to the label

Odour: characteristic, mild

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: N.D.

Vapour density: N.D.

Flash point: >60°C

Evaporation rate: N.A.

Vapour pressure: 6 hPa

Density: 1,23 kg/m<sup>3</sup> (15°C)

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: 200°C

Decomposition temperature: N.A.

Viscosity: 600000 mPas (20°C)

Explosive properties: can form an explosive mixture in air

Oxidizing properties: not oxidizing

### 9.2. Other information

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## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

It hardens under the influence of water

### 10.2. Chemical stability

Stable under normal conditions of handling and storage.

### 10.3. Possibility of hazardous reactions

None.

### 10.4. Conditions to avoid


- moisture

### 10.5. Incompatible materials

- none

### 10.6. Hazardous decomposition products

None.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

- a) **acute toxicity:** no hazard
- b) **skin corrosion/irritation:** no hazard
- c) **serious eye damage/irritation:** no hazard
- d) **respiratory or skin sensitization:** Contains isocyanates. May produce an allergic reaction.  
Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and 1,2,2,6,6-pentamethyl-4-piperidyl methyl sebacate. May produce an allergic reaction
- e) **germ cell mutagenicity:** no hazard
- f) **carcinogenicity:** no hazard
- g) **reproductive toxicity:** no hazard
- h) **STOT-single exposure:** no hazard
- i) **STOT-repeated exposure:** no hazard
- j) **aspiration hazard:** no harmful

### 11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

- no data

11.2.2. Other information

Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Mixture is not classified as hazardous.

### 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. Endocrine disrupting properties

None

### 12.7. 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

-

### 14.2. UN proper shipping name

-

### 14.3. Transport hazard class(es)

-

### 14.4. Packing Group

-

### 14.5. Environmental hazards

-

### 14.6. Special Precautions for User

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

N.A.

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## SECTION 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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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:

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

H319 Causes serious eye irritation

H330 Fatal if inhaled

H332 Harmful if inhaled

H334 May cause allergy or asthma symptoms of breathing difficulties if inhaled

H335 May cause respiratory irritation

H351 Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H361 Suspected of damaging fertility or the unborn child

H373 May cause damage to organs through prolonged or repeated exposure through prolonged or repeated exposure

H400 Very toxic to aquatic life

H410 Very 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.