

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1. Product Identifier**

Trade name: APP -Auto-Glass

Trade code: 040501

**1.2. Relevant identified uses of the substance/mixture and uses advised against Auto Glass Adhesive.****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: Tomasz Gołda, [t.golda@app.com.pl](mailto:t.golda@app.com.pl)**1.4. Emergency telephone number:**

+48 (61) 437 00 00

Date of issue: 2015-12-02

**SECTION 2. HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS07



GHS08

Dgr

H315 Causes skin irritation

H319 Causes serious eye irritation

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

H361d Suspected of damaging the unborn child.

H412 Harmful to aquatic life with long lasting effects

EUH204 Contains isocyanates. May produce an allergic reaction.

**2.2. Label elements****Labelling according Regulation (EC) No 1272/2008**

Contains:

Toluene

**Signal word:**

Danger

**Pictogram:**

GHS02



GHS07



GHS08

**Hazard statement(s)**

- H315 Causes skin irritation  
 H319 Causes serious eye irritation  
 H334 May cause allergy or asthma symptoms of breathing difficulties if inhaled  
 H361d Suspected of damaging the unborn child.  
 H412 Harmful to aquatic life with long lasting effects  
 EUH204 Contains isocyanates. May produce an allergic reaction.

**Precautionary statement(s)**

- P260 Do not breathe vapours/spray.  
 P280 Wear protective gloves/protective clothing.  
 P284 Wear respiratory protection in case of insufficient ventilation.  
 P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P302+ P352 IF ON SKIN: Wash with plenty of water  
 P342+ P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.  
 P501 Dispose of contents/container according to local/regional/national/international regulations.

**2.3 Other hazards**

**Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, egzema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.**  
 Does not fulfil criteria of PBT and vPvB according to annex XIII 1907/2006


**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:
Carbon black	15-25%	1333-86-4	-	215-609-9	none
					none
Toluene REACH Reg. No. : 01-2119471310-51	2-5%	108-88-3	601-021-00-3	203-625-9	F: R11 Xn: Repr. Kat. 3; R63; R48/20; R65 Xi: R38 R67
					GHS02; GHS08; GHS07 Dgr Flam. Liq. 2: H225 Repr. 2: H361 Asp. Tox. 1: H304 STOT RE 2: H373 Skin Irrit. 2: H315 STOT SE 3: H336
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics REACH Reg. No 01-2119475108-36	<1,5%	-	-	926-141-6	Xn: R65 R66
					GHS08 Dgr Asp. Tox. 1: H304 EUH066

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<b>4,4'-methylenediphenyl diisocyanate;</b> <b>diphenylmethane-4,4'-diisocyanate</b> REACH Reg. No: 01-2119457014-47	<1%	101-68-8	615-005-00-9	202-966-0	<b>Xn: R20; R40; R48/20</b> <b>Xi: R36/37/38</b> <b>R42/43</b> <b>GHS08; HS07 Dgr</b> <b>Resp. Sens. 1; H334</b> <b>Carc. 2: H351</b> <b>STOT RE 2: H373</b> <b>Acute Tox. 4: H332</b> <b>Skin Irrit. 2: H315</b> <b>Eye Irrit. 2: H319</b> <b>Skin Sens. 1: H317</b> <b>STOT SE 3: H335</b>
<b>Dibutyltin dichloride</b> REACH Reg. No: 01-21196066-31	<0,1%	683-18-1	050-022-00-X	211-670-0	<b>T+: R26</b> <b>T: Repr. Cat. 2 R60;</b> <b>R61; R25; R48/25</b> <b>C: R34</b> <b>Xn: R21; R48/20: 68</b> <b>Xi: R43</b> <b>N: R50/53</b> <b>Muta. Cat. 3</b> <b>GHS06; GHS05;</b> <b>GHS08; GHS09</b> <b>Dgr</b> <b>Acute Tox. 3: H301</b> <b>Acute Tox. 1: H330</b> <b>Muta. 2: H341</b> <b>Repr. 1B: H360</b> <b>STOT RE 1:H372</b> <b>Skin Corr. 1B: H314</b> <b>Aquatic Acute 1: H400</b> <b>Aquatic Chronic 1: H410</b> <b>Acute Tox. 4: H312</b> <b>Skin Sens. 1: H317</b>

Full text of R-Phrases and 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 allergy or asthma symptoms of breathing difficulties if inhaled. Suspected of damaging the unborn child. Harmful to aquatic life with long lasting effects. Contains isocyanates. May produce an allergic reaction.

### 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. Do not inhale explosion and combustion gases.

**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. 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 (EN 420 and EN 374)

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, according to a label

Odour: characteristic

Odour threshold: N.D.

pH: N.A.

Melting point / freezing point: N.D.

Initial boiling point and boiling range: 111°C

Upper/lower flammability or explosive limits: 1.2-7.1%

Vapour density: N.D.

Flash point: 4°C

Evaporation rate: N.A.

Vapour pressure: 35 hPa

Density: 1230 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: 535 °C

Decomposition temperature: N.A.

Viscosity: 270000 cPs (20°C)

Explosive properties: can form an explosive mixture in air

Oxidizing properties: not oxidizing

**9.2. Other information**

VOC: 410/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**

- none

**10.6. Hazardous decomposition products**

None.

**SECTION 11. TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Causes skin irritation

Causes serious eye irritation

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Suspected of damaging the unborn child.

Contains isocyanates. May produce an allergic reaction.

- a) **acute toxicity:** no hazard  
b) **skin corrosion/irritation:** Causes skin irritation  
c) **serious eye damage/irritation:** Causes serious eye irritation  
d) **respiratory or skin sensitization:** Contains isocyanates. May produce an allergic reaction. May cause allergy or asthma symptoms of breathing difficulties if inhaled  
e) **germ cell mutagenicity:** no hazard  
f) **carcinogenicity:** no hazard  
g) **reproductive toxicity:** Suspected of damaging the unborn child.  
h) **STOT-single exposure:** no hazard  
i) **STOT-repeated exposure:** no hazard  
j) **aspiration hazard:** no hazard
- Toluene:**  
LD50 (rat, ingestion): 5580 mg/kg  
LD50 (rabbit, skin): 12124 mg/kg  
LC50 (rat, inhalation): 28100 mg/m<sup>3</sup>/4h

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects

#### **Toluene:**

- fish LC50: 5.5 mg/dm<sup>3</sup>/96h
- crustacea EC50: 3.8 mg/dm<sup>3</sup>/96h
- algae EC50: 134 mg/dm<sup>3</sup>/96h

### 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

-

### 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

-

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

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## 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:

- H301 Toxic if swallowed
- H304 May be fatal if swallowed and enters airways
- H312 Harmful in contact with skin
- H314 Causes severe skin burns and eye damage
- 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 or breathing difficulties if inhaled
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness
- H341 Suspected of causing genetic defects
- H351 Suspected of causing cancer
- H360 May damage fertility or the unborn child
- H361 Suspected of damaging fertility or the unborn child
- H411 Toxic to aquatic life with long lasting effects
- R10 Flammable
- R20 Harmful by inhalation
- R21 Harmful in contact with skin
- R25 Toxic if swallowed
- R26 Very toxic by inhalation
- R34 Causes burns
- R36 Irritating to eyes
- R37 Irritating to respiratory system
- R38 Irritating to skin
- R40 Limited evidence of a carcinogenic effect
- R42 May cause sensitisation by inhalation
- R43 May cause sensitisation by skin contact
- R50 Very toxic to aquatic organisms
- R53 May cause long-term adverse effects in the aquatic environment
- R60 May impair fertility
- R61 May cause harm to the unborn child
- R63 Possible risk of harm to the unborn child
- R65 Harmful: may cause lung damage if swallowed
- R66 Repeated exposure may cause skin dryness or cracking
- R67 Vapours may cause drowsiness and dizziness
- R68 Possible risk of irreversible 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.