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

1.1. Product Identifier
Trade name: **APP Smart Primer spray 400 ml grey**
Trade code: **020590**

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

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: **Tomasz Golda, t.golda@app.com.pl**

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

Date of issue: 2016-05-25

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

GHS02

GHS07

GHS08

Dgr
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness
H373 May cause damage to organs through prolonged or repeated exposure through prolonged or repeated exposure after inhalation

2.2. Label elements
Labelling according Regulation (EC) No 1272/2008
Contains:
n-buthyl acetate
Toluene
xylene

Ethylbenzene

Signal word:

Danger

Pictogram:

GHS02

GHS07

GHS08

Hazard statement(s)

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure through prolonged or repeated exposure after inhalation

Precautionary statement(s)

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 spray.
P501	Dispose of contents/container according to local/regional/national/international regulations.P501

2.3 Other hazards

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

UN: 1950

LZO (2004/42/EC, IIc: 780) 692 g/l

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:

Dimethyl ether REACH Reg No: 01-2119472128-37	25-<50%	115-10-6	603-019-00-8	204-065-8	**GHS02; GHS04 Dgr FlamGas1: H220 PressGas: H280**
n-buthyl acetate REACH Reg. No 01-2119485493-29	10-25 %	123-86-4	607-025-00-1	204-658-1	**GHS02; GHS04 Wng Flam.Liq.3: H226 STOT SE3: H336 EUH066**
Ethyl acetate REACH Reg. No 01-2119475103-46	2.5-<10%	141-78-6	607-022-00-5	205-500-4	**GHS02; GHS07 Dgr Flam. Liq. 2; H225 Eye Irrit. 2: H319 STOT SE 3: H336**
Toluene REACH Reg. No. : 01-2119471310-51	2.5-<10%	108-88-3	601-021-00-3	203-625-9	**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**
Xylene REACH Reg. No: 01-2119488216-32	2.5-<10%	1330-20-7	601-022-00-9	215-525-7	**GHS02; GHS07 ; GHS08 Dgr FlamLiq3: H226 AcuteTox4: H302 AcuteTox4: H332 SkinIrrit2: H315 EyeIrrit2: H319 AspTox1: H304 STOT RE2: H373 STOT SE3: H335**
Propan-2-ol; REACH Reg. No 01-2119457558-25	<2.5%	67-63-0	603-117-00-0	200-661-7	**GHS02;GHS07 Dgr FlamLiq2: H225 EyeIrrit2: H319 STOT SE3: H336**

Ethylbenzene REACH REg. No 01-2119489370-35	<2.5 %	100-41-4	601-023-00-4	202-849-4	**GHS02; GHS07 ; GHS08** **Dgr** **Flam. Liq.2: H225** **AspTox1: H304** **STOT RE2: H373** **Acute Tox.4: H332** **SkinIrrit2: H315** **EyeIrrit2: H319** **STOT SE3: H335**

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 drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure through prolonged or repeated exposure after inhalation

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

Extremely flammable aerosol. Pressurised container: May burst if heated. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.. 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. 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:

If skin contact is likely, wear impervious protective clothing and/or gloves (nitrile : ≥0.45 mm, 240 min.). Protective clothing should be regularly inspected and maintained. Change heavily contaminated clothing as soon as reasonably practicable and launder before re-use. Wash any contaminated underlying skin with soap and water.

Respiratory protection:

Respiratory protection is normally unnecessary, provided the concentration of vapour is adequately controlled. If operations are such that the excessive generation and inhalation of vapour may be anticipated, then suitable approved organic vapour and particulate respiratory equipment should be worn

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, transparent
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: 1.2-26.2% (v/v)
Vapour density: N.D.
Flash point: <0ºC
Evaporation rate: N.A.
Vapour pressure: 4 bara (20ºC)
Density: 746 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: 240°C
Auto-ignition temperature: N.A.
Decomposition temperature: N.A.
Viscosity dyn.: N.D.
Viscosity kin.: N.D.
Explosive properties: can form an explisive mixture in air
Oxidizing properties: not oxidizing

9.2. Other information

VOC: 672. 8g/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 oxidisers
- strong acids

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 drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure through prolonged or repeated exposure after inhalation

a) acute toxicity: no hazard
b) skin corrosion/irritation: Causes skin irritation
c) serious eye damage/irritation: Causes serious eye damage
d) respiratory or skin sensitization: no hazard
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: May cause damage to organs through prolonged or repeated exposure through prolonged or repeated exposure after inhalation
j) aspiration hazard: no hazard

Repeated exposure may cause skin dryness or cracking.

Toluene

LD50 (rat, skin):	>5000 mg/kg
LD50 (rabbit, skin):	2000 mg/kg
LC50 (rat, inhalation):	17.2 mg/m^3/4h

n-buthyl acetate

LD50 (rat, skin):	10768 mg/kg

LD50 (rabbit, skin): 176000 mg/kg
LC50 (rat, inhalation): 23400 mg/m^3/4h

ethyl acetate
LD50 (rat, skin): 5620mg/kg
LD50 (rabbit, skin): 18000 mg/kg
LC50 (rat, inhalation): 44000 mg/m^3/4h

Xylene
LD50 (rat, skin): 8700 mg/kg
LD50 (rabbit, skin): 12124 mg/kg
LC50 (rat, inhalation): 28100 mg/m^3/4h

Propan-2-ol
LD50 (rat, skin): 5045mg/kg
LD50 (rabbit, skin): 12800mg/kg
LC50 (rat, inhalation): 72600 mg/m^3/4h

Ethylbenzene
LD50 (rat, skin): 3500 mg/kg
LD50 (rabbit, skin): 15400mg/kg
LC50 (rat, inhalation): 17400 mg/m^3/4h

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity
Mixture is not classified as hazarodus.
ethyl acetate:
- fish LC50: 212 mg/l/96h
- crustacea EC50: 164 mg/l/48h

n-buthyl acetate
- fish LC50: 18 mg/l/96h
- crustacea EC50: 32 mg/l/48h
- algae EC50: 675 mg/l/72h

Toluene
- fish LC50: 5.5 mg/l/96h
- crustacea EC50: 12 mg/l/48h
- algae EC50: 134 mg/l/72h

Xylene
- fish LC50: 14 mg/l/96h
- crustacea EC50: 16 mg/l/48h

Propan-2-ol
- fish LC50: 9640 mg/l/96h
- crustacea EC50: 13300 mg/l/48h
- algae EC50:>1000 mg/l/72h

Ethylbenzene
- fish LC50: 182 mg/l/96h
- crustacea EC50: 1.8 mg/l/48h
- algae EC50: 33 mg/l/72h

12.2. Persistence and degradability
Expected to be biodegradable.
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
1950
14.2. UN proper shipping name
Aerosols, flammable
14.3. Transport hazard class(es)
3
14.4. Packing Group
No
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.
Label: 2.1

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:

H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
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
EUH066	Repeated exposure may cause skin dryness or cracking.

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.