

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 05.08.2007

Revision: 05.08.2007

1 Identification of the substance/preparation and of the company/undertaking· **Product details**· **Trade name:** TOP-TON Spray polysk 400ml· **Article number:**

210201, 210203, 210204, 210205, 210206, 210207, 210208, 210209, 210210, 210211, 210212, 210213, 210214, 210215, 210217

· **Application of the substance / the preparation** *Lacquer*· **Manufacturer/Supplier:**Auto-Plast Produkt Sp.z 0.0.
ul. Przemyslowa 10
PL-62-300 Wrzesnia

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· **Further information obtainable from:** *Abteilung Produktsicherheit*· **Information in case of emergency:**

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2 Hazards identification· **Hazard description:***Xi Irritant**F+ Extremely flammable*· **Information concerning particular hazards for human and environment:***The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.**At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.**Warning! Pressurized container.**Has a narcotizing effect.**R 12 Extremely flammable.**R 36 Irritating to eyes.**R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**R 66 Repeated exposure may cause skin dryness or cracking.**R 67 Vapours may cause drowsiness and dizziness.**Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.**82.4 % by mass of the contents are flammable**Keep out of the reach of children*· **Classification system:***The classification is according to the latest editions of the EU-lists, and extended by company and literature data.***3 Composition/information on ingredients**· **Chemical characterization**· **Description:** *Mixture of substances listed below with nonhazardous additions.*

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· Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2	acetone ☒ Xi, ☒ F; R 11-36-66-67	25-50%
CAS: 106-97-8 EINECS: 203-448-7	butane (containing < 0,1 % butadiene (203-450-8)) ☒ F+; R 12	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane ☒ F+; R 12	10-25%
CAS: 64742-82-1 EINECS: 265-185-4	Naphtha (petroleum), hydrodesulfurized heavy ☒ Xn; R 65	5-10%
CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light ☒ Xn, ☒ Xi, ☒ F, ☒ N; R 11-38-51/53-65	5-10%
CAS: 138-86-3 EINECS: 205-341-0	dipentene ☒ Xi, ☒ N; R 10-38-43-50/53	<1.0%
CAS: 95-63-6 EINECS: 202-436-9	1,2,4-trimethylbenzene ☒ Xn, ☒ Xi, ☒ N; R 10-20-36/37/38-51/53	≤0.5%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

5 Fire-fighting measures

- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:**
Water
Water with full jet
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

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- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep container tightly sealed.
Do not seal receptacle gas tight.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

* 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

67-64-1 acetone

WEL ()	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
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106-97-8 butane (containing < 0,1 % butadiene (203-450-8))

WEL ()	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

- **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

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9 Physical and chemical properties

· General Information

Form: Aerosol
Colour: According to product specification
Odour: Characteristic

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Not applicable, as aerosol.

· Flash point: Not applicable, as aerosol.

· Self-igniting: Product is not selfigniting.

· Danger of explosion: In use, may form flammable/explosive vapour-air mixture.

· Explosion limits:

Lower: 1.5 Vol %
Upper: 13.0 Vol %

· Vapour pressure at 20°C: 8300.0 hPa

· Density at 20°C: 0.73 g/cm³

· Solubility in / Miscibility with

water: Not miscible or difficult to mix.
VOC-(EU) 558.4 g/l / 4.66 lb/gl

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· Acute toxicity:

· LD/LC50 values relevant for classification:

67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)

· Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

· Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

12 Ecological information

· Ecotoxicological effects:

· **Remark:** Harmful to fish

· General notes:

Harmful to aquatic organisms
 Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
 Do not allow product to reach ground water, water course or sewage system.

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Danger to drinking water if even small quantities leak into the ground.

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13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

* 14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 2 5F Gases.
- **Danger code (Kemler):** 23
- **UN-Number:** 1950
- **Packaging group:** -
- **Hazard label** 2.1
- **Description of goods:** 1950 AEROSOLS

- **Maritime transport IMDG:**



- **IMDG Class:** 2.1
- **UN Number:** 1950
- **Label** 2.1
- **Packaging group:** -
- **EMS Number:** F-D,S-U
- **Marine pollutant:** No
- **Proper shipping name:** AEROSOLS

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 2.1
- **UN/ID Number:** 1950
- **Label** 2.1
- **Packaging group:** -
- **Proper shipping name:** AEROSOLS, flammable

* 15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

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· **Code letter and hazard designation of product:**

Xi Irritant
F+ Extremely flammable

· **Risk phrases:**

- In use, may form flammable/explosive vapour-air mixture.*
- 12 *Extremely flammable.*
- 36 *Irritating to eyes.*
- 52/53 *Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- 66 *Repeated exposure may cause skin dryness or cracking.*
- 67 *Vapours may cause drowsiness and dizziness.*

· **Safety phrases:**

- 2 *Keep out of the reach of children.*
- 9 *Keep container in a well-ventilated place.*
- 13 *Keep away from food, drink and animal feedingstuffs.*
- 16 *Keep away from sources of ignition - No smoking.*
- 23 *Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).*
- 25 *Avoid contact with eyes.*
- 26 *In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.*
- 29/56 *Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.*
- 33 *Take precautionary measures against static discharges.*
- 36 *Wear suitable protective clothing.*
- 43 *In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.*
- 46 *If swallowed, seek medical advice immediately and show this container or label.*
- 51 *Use only in well-ventilated areas.*
- 52 *Not recommended for interior use on large surface areas.*
- 60 *This material and its container must be disposed of as hazardous waste.*

· **Special labelling of certain preparations:**

- Contains dipentene. May produce an allergic reaction.*
- Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.*
- 82.4 % by mass of the contents are flammable*
- Keep out of the reach of children*

· **National regulations:**

- **Waterhazard class:** *Water hazard class 2 (Self-assessment): hazardous for water.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

- 10 *Flammable.*
- 11 *Highly flammable.*
- 12 *Extremely flammable.*
- 20 *Harmful by inhalation.*
- 36 *Irritating to eyes.*
- 36/37/38 *Irritating to eyes, respiratory system and skin.*
- 38 *Irritating to skin.*
- 43 *May cause sensitisation by skin contact.*
- 50/53 *Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- 51/53 *Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- 65 *Harmfull: may cause lung damage if swallowed*
- 66 *Repeated exposure may cause skin dryness or cracking.*

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67 Vapours may cause drowsiness and dizziness.

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- **Department issuing MSDS:** Abteilung Labor/QS
- **Contact:** Anwendungstechnik
- *** Data compared to the previous version altered.**

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