

**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:** *Szpachla uniwersalna APP PE-POLY-PLAST (z utwardzaczem).*

**Intended use:** *Polyester universal spatula.*

· **Article number:** *010106, 010107, 010108, 010109*

· **Application of the substance / the preparation** *Knife filler/ Surfacer*

· **Manufacturer/Supplier:**

*Auto-Plast Produkt Sp.z 0.0.*

*ul. Przemysłowa 10*

*PL-62-300 Wrzesnia*

*TEL.: +48 61 437 0000*

*Fax.: +48 61 437 9137*

· **Further information obtainable from:** *Abteilung Produktsicherheit*

· **Information in case of emergency:**

*TEL.: +48 61 437 00 00*

*Fax.: +48 61 437 91 37*

**2 Hazards identification**

· **Hazard description:** *Not applicable.*

· **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.*

*R 10 Flammable.*

· **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.*

· **Dangerous components:**

CAS: 100-42-5	styrene	 Xn,	R 10-20-36/38	10-25%
EINECS: 202-851-5				

· **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:** *Generally the product does not irritate the skin.*

· **After eye contact:** *Rinse opened eye for several minutes under running water*

· **After swallowing:** *Drink plenty of water and provide fresh air. Call for a doctor immediately.*

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## 5 Fire-fighting measures

- **Suitable extinguishing agents:** CO<sub>2</sub>, 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 to enter sewers/ surface or ground water
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
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.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

## 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:**

### 100-42-5 styrene

WEL () Short-term value: 1080 mg/m<sup>3</sup>, 250 ppm

Long-term value: 430 mg/m<sup>3</sup>, 100 ppm

### 7727-43-7 barium sulphate, natural

WEL () Long-term value: 10\* 4\*\* mg/m<sup>3</sup>

\*inhalable dust \*\*respirable dust

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

- **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

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· **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

## 9 Physical and chemical properties

· **General Information**

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

· **Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 145°C

· **Flash point:** 31°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

**Lower:** 1.2 Vol %  
**Upper:** 8.9 Vol %

· **Vapour pressure at 20°C:** 6.0 hPa

· **Density at 20°C:** 1.92 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.  
**VOC-(EU)** 219.2 g/l / 1.83 lb/gal

## 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.

## II Toxicological information

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

**100-42-5 styrene**

Oral	LD50	5000 mg/kg (rat)
Inhalative	LC50/4 h	24 mg/l (rat)

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

## 12 Ecological information

- **General notes:**  
*Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water*  
*Do not allow product to reach ground water/water course or sewage system.*  
*Danger to drinking water if even small quantities leak into the ground.*

## 13 Disposal considerations

- **Product:**
- **Recommendation**  
*Must not be disposed together with household garbage. Do not allow product to reach sewage system.*

- **European waste catalogue**

08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances
15 01 04	metallic packaging

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

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



- **ADR/RID class:** 3 (F1) Flammable liquids.
- **Danger code (Kehler):** 30
- **UN-Number:** 3269
- **Packaging group:** III
- **Hazard label:** 3
- **Description of goods:** 3269 POLYESTER RESIN KIT

- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 3269
- **Label:** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-D
- **Marine pollutant:** No
- **Proper shipping name:** POLYESTER RESIN KIT

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



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 3269
- **Label** 3
- **Packaging group:** III
- **Proper shipping name:** POLYESTER RESIN KIT

### \* 15 Regulatory information

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.



· **Risk phrases:**

- 10 Flammable.
- 20 Harmful by inhalation.
- 36/38 Irritating to eyes and skin.

· **Safety phrases:**

- 2 Keep out of the reach of children.
- 23 Do not breathe fumes/aerosol.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- 36/37 Wear suitable protective clothing and gloves
- 46 If swallowed, seek medical advice immediately and show this container or label.
- 51 Use only in well ventilated areas

· **National regulations:**

- **Water hazard 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.
- 20 Harmful by inhalation.
- 36/38 Irritating to eyes and skin.

· **Department issuing MSDS:** Abteilung Labor/QS

· **Contact:** Anwendungstechnik

· **\* Data compared to the previous version altered.**