

Safety Data Sheet

According to 91/155 EEC

Printing date 29.10.2007

Revision: 29.10.2007






1 Identification of substance:

- **Product details:**
- **Trade name:** **TRANSILON PVC Paste**
- **Application of the substance / the preparation** Adhesives
- **Manufacturer/Supplier:**
Forbo Siegling Pty. Ltd.
Unit 150/45 Gilby Road,
Mount Waverley Vic 3149
Ph.: 1300137933
Fax: 1300137944
- **Information department:**
Chemical Laboratory
Email: Claudius.Hayduk@forbo.com
- **Emergency information:** ++49 (0) 511-6704 0

2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 85-68-7 EINECS: 201-622-7	BBP	 T,  N; R 61-62-50/53	2.5-10%
	Ca/Zn-Stabilisator	 Xn,  Xi,  N; R 38-43-51/53-63	< 2.5%

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

3 Hazards identification

- **Hazard description:**



T Toxic
N Dangerous for the environment

- **Information pertaining to particular dangers for man 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 61 May cause harm to the unborn child.

R 43 May cause sensitisation by skin contact.

R 62 Possible risk of impaired fertility.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- **Classification system**

The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.

4 First aid measures

- **After inhalation**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult doctor.
- **Information for doctor** MSDS

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.

(Contd. on page 2)

AUS

Safety Data Sheet

According to 91/155 EEC

Printing date 29.10.2007

Revision: 29.10.2007

Trade name: TRANSILON PVC Paste

(Contd. of page 1)

- **Special hazards caused by the material, its products of combustion or resulting gases:**

In case of fire, the following can be released:

Carbon monoxide (CO)

Hydrogen chloride (HCl)

- **Protective equipment:**

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

- **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

7 Handling and storage

- **Handling**

- **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

- **Information about protection against explosions and fires:** Keep respiratory protective device available.

- **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:** None.

8 Exposure controls and personal protection

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

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists that were valid during the creation 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.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

- **Breathing equipment:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- **Protection of hands:**

Protective gloves and protective skin cream.

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

(Contd. on page 3)

Safety Data Sheet

According to 91/155 EEC

Printing date 29.10.2007

Revision: 29.10.2007

Trade name: TRANSILON PVC Paste

(Contd. of page 2)

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

- **Material of gloves**

Natural rubber, NR

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:** Goggles recommended during refilling.

- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

- **General Information**

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

- **Change in condition**

Melting point/Melting range: undetermined
Boiling point/Boiling range: 385°C

- **Flash point:** 200°C

- **Ignition temperature:** 435.0°C

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

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	0.4 Vol %
Upper:	2.9 Vol %

- **Vapour pressure at 20°C:** 0.0 hPa

- **Density at 20°C:** 1.20000 g/cm³

- **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix

- **Viscosity:**

dynamic at 20°C: 5000 mPas

- **Solvent content:**

Organic solvents: 0.0 %

- **Solids content:** 56.3 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- **Dangerous reactions** No dangerous reactions known

- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

85-68-7 BBP

Oral	LD50	2330 mg/kg (rat)
------	------	------------------

(Contd. on page 4)

Safety Data Sheet

According to 91/155 EEC

Printing date 29.10.2007

Revision: 29.10.2007

Trade name: TRANSILON PVC Paste

(Contd. of page 3)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **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:
Harmful
Toxic

12 Ecological information:

- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **General notes:**
Also poisonous for fish and plankton in water bodies.
Toxic for 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.

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

13 Disposal considerations

- **Product:**
- **Recommendation**



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

07 02 08 | other still bottoms and reaction residues

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

14 Transport information

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



- **ADR/RID class:** 9 Miscellaneous dangerous substances and articles.
- **Danger code (Kemler):** 90
- **UN-Number:** 3082
- **Packaging group:** III
- **Label:** 9
- **Description of goods:** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BBP, Ca/Zn-Stabilisator)

(Contd. on page 5)

-AUS-

Safety Data Sheet

According to 91/155 EEC

Printing date 29.10.2007

Revision: 29.10.2007

Trade name: TRANSILON PVC Paste

(Contd. of page 4)

Maritime transport IMDG:



- **IMDG Class:** 9
- **UN Number:** 3082
- **Label** 9
- **Packaging group:** III
- **EMS Number:** F-A,S-F
- **Marine pollutant:** No
- **Propper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BBP, Ca/Zn-Stabilisator)

Air transport ICAO-TI and IATA-DGR:



- **ICAO/IATA Class:** 9
- **UN/ID Number:** 3082
- **Label** 9
- **Packaging group:** III
- **Propper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BBP, Ca/Zn-Stabilisator)

15 Regulations

Australian Inventory of Chemical Substances

	Phtalsäuredi-3,5,5-trimethylhexylester
85-68-7	BBP
99-63-8	isophthaloyl dichloride

Markings according to EU guidelines:

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

Code letter and hazard designation of product:



T Toxic
N Dangerous for the environment

Hazard-determining components of labelling:

Ca/Zn-Stabilisator
BBP

Risk phrases:

- 61 May cause harm to the unborn child.
- 43 May cause sensitisation by skin contact.
- 62 Possible risk of impaired fertility.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

- 53 Avoid exposure - obtain special instructions before use.
- 20 When using do not eat or drink.
- 24 Avoid contact with skin.
- 37/39 Wear suitable gloves and eye/face protection.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- 57 Use appropriate container to avoid environmental contamination.

(Contd. on page 6)

AUS

Safety Data Sheet

According to 91/155 EEC

Printing date 29.10.2007

Revision: 29.10.2007

Trade name: TRANSILON PVC Paste

(Contd. of page 5)

- **National regulations**
- **Technical instructions (air):**

Class	Share in %
II	23.7

- **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**

- 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.
- 61 May cause harm to the unborn child.
- 62 Possible risk of impaired fertility.
- 63 Possible risk of harm to the unborn child.

- **Department issuing MSDS:** Chemical Laboratory

- **Contact:**

C.Hayduk
 Tel.-Nr. +49 511 6704 214
 Fax-Nr. +49 511 6704 489
 Mobil-Nr.+49 151 11741970

- * **Data compared to the previous version altered.**

AUS