

\* **1 Identification of the substance or mixture and of the supplier**

· **Other means of identification**

- Trade name: **P334 4:1 HS FILLING PRIMER**
- Article number: W016
- Relevant identified uses of the substance or mixture and uses advised against
- Sector of Use
  - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category PC9b Fillers, putties, plasters, modelling clay
- Process category PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
- Environmental release category ERC2 Formulation into mixture
- Article category AC1 Vehicles
- Application of the substance / the mixture Surface protection

· **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**  
HB BODY S.A.  
B' ENTRANCE BLOCK 50 DA9 & MB6 Str  
THESSALONIKI INDUSTRIAL AREA  
57.022, SINDOS  
THESSALONIKI, GREECE  
Ph: +30 2310 790 000  
Fax: +30 2310 790 033  
www.hbbody.com  
email: hbbody@hbbody.com
- **Further information obtainable from:**  
Wyatt Machine Tools (Rupes) NZ Limited  
Address: 388 Church Street, Penrose, Auckland  
Ph (09) 525 1000; Fax (09) 525 1009  
Emergency telephone number: NZ Emergency 0800 992 881 (0800WYATT1)
- **Emergency telephone number:**  
24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

\* **2 Hazards identification**

· **Classification of the substance or mixture**



GHS02 flame

Flammable liquids Category 3

H226 Flammable liquid and vapour.



GHS08 health hazard

Carcinogenicity – Category 2

H351 Suspected of causing cancer. Route of exposure:  
Inhalation.

Reproductive toxicity Category 2

H361 Suspected of damaging fertility or the unborn child.

Specific target organ toxicity - repeated exposure Category 2

H373 May cause damage to organs through prolonged or repeated exposure.

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NZ

**Trade name: P334 4:1 HS FILLING PRIMER**

GHS07

- Skin irritation Category 2 H315 Causes skin irritation.
- Specific target organ toxicity - single exposure Category 3 H336 May cause drowsiness or dizziness.

· **Additional information:**

- 3.1B Flammable liquid
- 3.1C Flammable liquid
- 6.9B Substances that are harmful to human target organs or systems
- 6.3A Substances that are irritating to the skin
- 6.9 (Narcotic) Substances that are harmful to human target organs or systems
- 6.8B Substances that are suspected human reproductive or developmental toxicants

· **Label elements**

- GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).
- Hazard pictograms



GHS02 GHS07 GHS08

- Signal word Warning
- Hazard-determining components of labelling:
  - toluene
  - n-butyl ester
  - titanium dioxide
  - Solvent naphtha (petroleum), light arom.
- Hazard statements
  - H226 Flammable liquid and vapour.
  - H315 Causes skin irritation.
  - H351 Suspected of causing cancer. Route of exposure: Inhalation.
  - H361 Suspected of damaging fertility or the unborn child.
  - H336 May cause drowsiness or dizziness.
  - H373 May cause damage to organs through prolonged or repeated exposure.
- Precautionary statements
  - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
  - P260 Do not breathe dust/fume/gas/mist/vapours/spray.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - P405 Store locked up.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards**· **Results of PBT and vPvB assessment**

This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT). This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

- PBT: Not applicable.
- vPvB: Not applicable.

**3 Composition/Information on ingredients**· **Chemical characterisation: Mixtures**

- Description: Mixture of hazardous substances listed below with nonhazardous additions.

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**Trade name: P334 4:1 HS FILLING PRIMER****Dangerous components:**

|                            |   |          |
|----------------------------|---|----------|
| CAS: 471-34-1              | calcium carbonate   | 35-<40%  |
| EINECS: 207-439-9          |   |          |
| RTECS: EV 9580000          |   |          |
| CAS: 123-86-4              | n-butyl ester   | 10-<15%  |
| EINECS: 204-658-1          | Flam. Liq. 3, H226  |          |
| Index number: 607-025-00-1 | STOT SE 3, H336   |          |
| RTECS: AF 7350000          |   |          |
| CAS: 1330-20-7             | xylene  | 5-<10%   |
| Index number: 601-022-00-9 | Flam. Liq. 3, H226  |          |
|                            | Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315 |          |
| CAS: 108-88-3              | toluene   | ≥3-<5%   |
| EINECS: 203-625-9          | Flam. Liq. 2, H225  |          |
| Index number: 601-021-00-3 | Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304           |          |
| RTECS: XS 5250000          | Skin Irrit. 2, H315; STOT SE 3, H336                        |          |
| CAS: 13463-67-7            | titanium dioxide  | 1-<5%    |
| EINECS: 236-675-5          | Carc. 2, H351   |          |
| Index number: 022-006-00-2 |   |          |
| CAS: 64742-95-6            | Solvent naphtha (petroleum), light arom.                    | ≥1-<2.5% |
| EINECS: 265-199-0          | Flam. Liq. 3, H226  |          |
| Index number: 649-356-00-4 | Asp. Tox. 1, H304   |          |
|                            | Aquatic Chronic 2, H411                                     |          |
|                            | Acute Tox. 4, H332; STOT SE 3, H335                         |          |
|                            | STOT SE 3, H336   |          |

Additional information: For the wording of the listed hazard phrases refer to section 16.

**4 First aid measures****Description of first aid measures**

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: 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:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed  
No further relevant information available.

**5 Fire fighting measures****Extinguishing media**

- Suitable extinguishing agents:  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet

**Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**Advice for firefighters**

Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products

Speial protective equipment and fire fighting procedures: Mouth respiratory protective device.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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**Trade name: P334 4:1 HS FILLING PRIMER**

HAZ CHEM CODE: 3YE

**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**7 Handling and storage****Handling:****Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

**Conditions for safe storage, including any incompatibilities****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.

**Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection****Control parameters****Ingredients with limit values that require monitoring at the workplace:****471-34-1 calcium carbonate**WES (New Zealand) Long-term value: 10 mg/m<sup>3</sup>**123-86-4 n-butyl ester**WES (New Zealand) Short-term value: 950 mg/m<sup>3</sup>, 200 ppmLong-term value: 713 mg/m<sup>3</sup>, 150 ppmIOELV (EU) Short-term value: 723 mg/m<sup>3</sup>, 150 ppmLong-term value: 241 mg/m<sup>3</sup>, 50 ppm**1330-20-7 xylene**WES (New Zealand) Long-term value: 217 mg/m<sup>3</sup>, 50 ppm  
oto, bioIOELV (EU) Short-term value: 442 mg/m<sup>3</sup>, 100 ppmLong-term value: 221 mg/m<sup>3</sup>, 50 ppm

Skin

**108-88-3 toluene**WES (New Zealand) Short-term value: 377 mg/m<sup>3</sup>, 100 ppmLong-term value: 75 mg/m<sup>3</sup>, 20 ppm

skin, oto, bio

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## Trade name: **P334 4:1 HS FILLING PRIMER**

IOELV (EU) Short-term value: 384 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 192 mg/m<sup>3</sup>, 50 ppm  
Skin

### · Regulatory information

WES (New Zealand): Workplace Exposure Standards and Biological Exposure Indices  
IOELV (EU): (EU) 2019/1831

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

### · **Exposure controls**

#### · 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.

Avoid contact with the skin.

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:



Protective gloves

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.

· For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)

· For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Rubber gloves

#### · Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

## 9 Physical and chemical properties

### · **Information on basic physical and chemical properties**

#### · General Information

#### · Appearance:

· Form:

Liquid

· Colour:

Different according to colouring

· Odour:

Characteristic

· Odour threshold:

Not determined.

· pH-value:

Mixture is non-soluble (in water).

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**Trade name: P334 4:1 HS FILLING PRIMER**

|  |  |
|--|--|
| · Change in condition                      |  |
| · Melting point/freezing point:            | Undetermined.  |
| · Initial boiling point and boiling range: | 124-128 °C   |
| · Flash point:                             | 23 - 60 °C   |
| · Flammability                             | Flammable.   |
| · Autoignition temperature:                | 370 °C   |
| · Decomposition temperature:               | Not determined.  |
| · Ignition temperature:                    | Product is not selfigniting.   |
| · Explosive properties:                    | Risk of explosion by shock, friction, fire or other sources of ignition. |
| · Explosion limits:                        |  |
| · Lower:                                   | 1.2 Vol %  |
| · Upper:                                   | 7.5 Vol %  |
| · Vapour pressure at 20 °C:                | 10.7 hPa   |
| · <b>Vapour pressure:</b>                  |  |
| · Density at 20 °C:                        | 1.48 g/cm <sup>3</sup>   |
| · Relative density                         | Not determined.  |
| · Vapour density                           | Not determined.  |
| · Evaporation rate                         | Not determined.  |
| · Solubility in / Miscibility with         |  |
| · water:                                   | Not miscible or difficult to mix.  |
| · Partition coefficient: n-octanol/water:  | Not determined.  |
| · Viscosity:                               |  |
| · Dynamic at 20 °C:                        | 111 mPas   |
| · Kinematic at 40 °C:                      | 105 mm <sup>2</sup> /s   |
| · Solvent content:                         |  |
| · Organic solvents:                        | 30.0 %   |
| · VOC (EC)                                 | 443.8 g/l  |
| · Solids content (volume):                 | 68.9 %   |
| · <b>Other information</b>                 |  |
| · Particle characteristics                 | Not applicable.  |
| · Physical state                           | Liquid   |

**10 Stability and reactivity**

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

**11 Toxicological information**

- **Information on toxicological effects**
- Acute toxicity
- LD/LC50 values relevant for classification:

**ATE (Acute Toxicity Estimates)**

Dermal LD50 22.579 mg/kg

Inhalative LC50/4 h &gt;103 mg/l

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**Trade name: P334 4:1 HS FILLING PRIMER****471-34-1 calcium carbonate**

Oral LD50 6,450 mg/kg (rat)

**123-86-4 n-butyl ester**

Oral LD50 13,100 mg/kg (rat)

Dermal LD50 &gt;5,000 mg/kg (rabbit)

Inhalative LC50/4 h &gt;21 mg/l (rat)

**1330-20-7 xylene**

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

Inhalative LC50/4 h 11 mg/l (ATE)

**108-88-3 toluene**

Oral LD50 5,000 mg/kg (rat)

Dermal LD50 12,124 mg/kg (rabbit)

Inhalative LC50/4 h 5,320 mg/l (mouse)

**13463-67-7 titanium dioxide**

Oral LD50 &gt;20,000 mg/kg (rat)

Dermal LD50 &gt;10,000 mg/kg (rabbit)

Inhalative LC50/4 h &gt;6.82 mg/l (rat)

**64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral LD50 &gt;6,800 mg/kg (rat)

Dermal LD50 &gt;3,400 mg/kg (rab)

Inhalative LC50/4 h &gt;10.2 mg/l (rat)

· Primary irritant effect:

· Skin corrosion/irritation Irritant to skin and mucous membranes.

· Serious eye damage/irritation No irritating effect.

· Respiratory or skin sensitisation Sensitising effect through inhalation is possible by prolonged exposure.

· 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

· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity – Category 2, Reproductive toxicity Category 2

**12 Ecological information**· **Toxicity**

· Aquatic toxicity:

This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea

· **Persistence and degradability**

This product contains polyesteric molecules and organic solvents and is not known to be bioaccumulative. It can be considered as biodegradable in small quantities. In case of disposal, it should be treated as a hazardous material and should be disposed accordingly. Do not just throw it away

· **Behaviour in environmental systems:**

· Bioaccumulative potential No further relevant information available.

· Mobility in soil No further relevant information available.

· **Additional ecological information:**

· General notes:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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

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**Trade name: P334 4:1 HS FILLING PRIMER**

· **Results of PBT and vPvB assessment**

- PBT: This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).
- vPvB: This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).
- **Other adverse effects** No further relevant information available.

\* **13 Disposal considerations**

· **Waste treatment methods**

- 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**

· **UN-Number**

- NZS, IMDG, IATA UN1263

· **UN proper shipping name**

- NZS UN1263 PAINT
- IMDG, IATA PAINT

· **Transport hazard class(es)**

- NZS



- Class 3 (F1) Flammable liquids.
- Label 3
- IMDG, IATA



- Class 3 Flammable liquids.
- Label 3

· **Packing group**

- NZS, IMDG, IATA III

· **Environmental hazards:**

- Marine pollutant: No

· **Special precautions for user**

- Hazard identification number (Kemler code): Warning: Flammable liquids.
- EMS Number: 30
- Stowage Category: F-E, S-E
- A

· **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**

- NZS
- Limited quantities (LQ) 5L
- Excepted quantities (EQ) Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

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**Trade name: P334 4:1 HS FILLING PRIMER**

|                                 |  |
|---------------------------------|--|
| · Transport category            | 3  |
| · Tunnel restriction code       | D/E  |
| · IMDG                          |  |
| · Limited quantities (LQ)       | 5L   |
| · Excepted quantities (EQ)      | Code: E1<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 ml |
| · Remarks:                      | > 450 l: 3, III  |
| · IATA                          |  |
| · Remarks:                      | HAZ CHEM CODE: 3YE   |
| · <b>UN "Model Regulation":</b> | UN 1263 PAINT, 3, III  |

**15 Regulatory information**

·3Y

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

None of the ingredients is listed.

· **New Zealand Inventory of Chemicals**

All ingredients are listed.

· **HSNO Approval numbers**

HSNO Approval number      HSR 002662  
Group standard name      Surface Coatings and Colourants (Flammable) Group Standard 2006  
HSNO Hazard classification    Refer to section 2

123-86-4 n-butyl ester: HSR001091

1330-20-7 xylene: HSR000983

108-88-3 toluene: HSR001227

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS02   GHS07   GHS08

· **Signal word** Warning

· **Hazard-determining components of labelling:**

toluene

n-butyl ester

titanium dioxide

Solvent naphtha (petroleum), light arom.

· **Hazard statements**

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H351 Suspected of causing cancer. Route of exposure: Inhalation.

H361 Suspected of damaging fertility or the unborn child.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

· **Precautionary statements**

P210      Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241      Use explosion-proof [electrical/ventilating/lighting] equipment.

P260      Do not breathe dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P405      Store locked up.

**Trade name: P334 4:1 HS FILLING PRIMER**

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- Directive 2012/18/EU
  - Named dangerous substances - ANNEX I None of the ingredients is listed.
  - Seveso category P5c FLAMMABLE LIQUIDS
  - Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
  - Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
  - **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

**16 Other information**

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

- Reasons for alterations
- Relevant phrases
  - H225 Highly flammable liquid and vapour.
  - H226 Flammable liquid and vapour.
  - H304 May be fatal if swallowed and enters airways.
  - H312 Harmful in contact with skin.
  - H315 Causes skin irritation.
  - H332 Harmful if inhaled.
  - H335 May cause respiratory irritation.
  - H336 May cause drowsiness or dizziness.
  - H351 Suspected of causing cancer.
  - H361 Suspected of damaging fertility or the unborn child.
  - H373 May cause damage to organs through prolonged or repeated exposure.
  - H411 Toxic to aquatic life with long lasting effects.

- **Department issuing SDS:** Department of Quality Control

**Contact:**

HB BODY S.A  
Regulatory Officer  
Ms Athina Kapourani  
Ph: +30 2310 790000  
email: a.kapourani@hbbody.com

- \* Data compared to the previous version altered.

**Trade name: P334 4:1 HS FILLING PRIMER****Annex: Exposure scenario 1****Short title of the exposure scenario****Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

**Description of the activities / processes covered in the Exposure Scenario**

See section 1 of the annex to the Safety Data Sheet.

**Conditions of use** According to directions for use.**Duration and frequency** Frequency of use:**Physical parameters**

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

**Physical state** Fluid**Concentration of the substance in the mixture** Raw material.**Other operational conditions****Other operational conditions affecting environmental exposure** No special measures required.**Other operational conditions affecting worker exposure**

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

**Other operational conditions affecting consumer exposure** Keep out of the reach of children.**Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.**Risk management measures****Worker protection****Organisational protective measures**

Ensure good ventilation. This can be achieved by using a local exhaust or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

**Technical protective measures**

No special measures required.

Provide explosion-proof electrical equipment.

**Personal protective measures**

Do not inhale gases / fumes / aerosols.

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

**Measures for consumer protection**

Ensure adequate labelling.

Keep locked up and out of the reach of children.

Observe consumer information and advice on safe use.

**Environmental protection measures****Water**

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

**Soil** The product is only processed over the concrete collecting basin.**Disposal measures** Ensure that waste is collected and contained.**Disposal procedures**

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

**Waste type** Partially emptied and uncleaned packaging**Exposure estimation****Consumer**

This product is to be used by professional technicians only.

Not relevant for this Exposure Scenario.

**Trade name: P334 4:1 HS FILLING PRIMER**

**Guidance for downstream users**

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.

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**Trade name: P334 4:1 HS FILLING PRIMER****Annex: Exposure scenario 2****Description of the activities / processes covered in the Exposure Scenario**

See section 1 of the annex to the Safety Data Sheet.

· **Conditions of use** According to directions for use.

· **Duration and frequency** Frequency of use:

**Physical parameters**

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

· **Physical state** Fluid

· **Concentration of the substance in the mixture** Raw material.

**Other operational conditions**

· **Other operational conditions affecting environmental exposure** No special measures required.

· **Other operational conditions affecting worker exposure**

Avoid contact with the skin.

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

· **Other operational conditions affecting consumer exposure** No special measures required.

· **Other operational conditions affecting consumer exposure during the use of the product**

Not applicable.

**Risk management measures**

· **Worker protection**

· **Organisational protective measures**

Ensure good ventilation. This can be achieved by using a local exhaust or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

· **Technical protective measures**

Provide explosion-proof electrical equipment.

Ensure that suitable extractors are available on processing machines

· **Personal protective measures**

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Pregnant women should strictly avoid inhalation or skin contact.

Protective gloves

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

· **Measures for consumer protection**

Ensure adequate labelling.

Observe consumer information and advice on safe use.

· **Environmental protection measures**

· **Water**

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

· **Soil** The product is only processed over the concrete collecting basin.

· **Disposal measures** Ensure that waste is collected and contained.

· **Disposal procedures**

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

· **Waste type** Partially emptied and uncleaned packaging

**Exposure estimation**

· **Consumer**

This product is to be used by professional technicians only.

Not relevant for this Exposure Scenario.

· **Guidance for downstream users**

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.