

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name: BODY P980 1K FINE FILLER****Article number: 405****1.2 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**

PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

**Environmental release category ERC2** Formulation of preparations**Article category AC1** Vehicles**Application of the substance / the mixture** Surface protection**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

H.B. BODY S.A

B' ENTRANCE BLOCK 50 DA9 &amp; 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:**

H.B. BODY S.A

B' ENTRANCE BLOCK 50 DA9 &amp; MB6 Str

THESSALONIKI INDUSTRIAL AREA

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THESSALONIKI,GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

**1.4 Emergency telephone number:**

Regional Medicines and Poisons Information Centre NI

Pharmacy Department, Royal Hospital Suite

Grosvenor Road Belfast

Telephone: +44 28 90 63 2032

Fax: +44 28 90 24 80 30

Emergency telephone: 844 892 0111

E-mail address: nirdic.nirdic@belfasttrust.hscni.net

Trade name: BODY P980 1K FINE FILLER

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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS08 health hazard

Repr. 2 H361d Suspected of damaging the unborn child.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS02



GHS05



GHS07



GHS08

Signal word Danger

**Hazard-determining components of labelling:**

xylene

butanol

toluene

2-butoxyethanol

**Hazard statements**

H225 Highly flammable liquid and vapour.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H361d Suspected of damaging the unborn child.

**Precautionary statements**

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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Trade name: BODY P980 1K FINE FILLER

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**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures****Description:** Mixture of hazardous substances**Dangerous components:**

CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 RTECS: ZE 2100000 Reg.nr.: 01-2119488216-32-001 01-2119488216-32-002 01-2119488216-32-003	xylene ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	10 - <15%
CAS: 108-88-3 EINECS: 203-625-9 Index number: 601-021-00-3 RTECS: XS 5250000 Reg.nr.: 01-2119471310-51-0000 01-2119471310-51-0003 01-2119471310-51-0005 01-2119471310-51-0002 01-2119471310-51-0027	toluene ⚠ Flam. Liq. 2, H225 ⚠ Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	5 - <10%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 RTECS: AF 7350000 Reg.nr.: 01-2119485493-29-007 01-2119485493-29-004 01-2119485493-29-003 01-2119485493-29-005 01-2119485493-29	n-butyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	5 - <10%
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 RTECS: KJ 8575000 Reg.nr.: 01-2119475108-36-0001	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	2,5 - <5%
CAS: 78-83-1 EINECS: 201-148-0 Index number: 603-108-00-1 RTECS: NP 9625000 Reg.nr.: 01-2119475146-36-0001	butanol ⚠ Flam. Liq. 3, H226 ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; STOT SE 3, H335-H336	2,5 - <5%
CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 RTECS: EL 6475000 Reg.nr.: 01-2119457290-43-0000	butanone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	0.1-<2.5%
CAS: 117-84-0 EINECS: 204-214-7 RTECS: TI 1925000	diocetyl phthalate ⚠ Repr. 2, H361	0.1-<2.5%
CAS: 110-19-0 EINECS: 203-745-1 Index number: 607-026-00-7 Reg.nr.: 01-2119488971-22-001	isobutyl acetate ⚠ Flam. Liq. 2, H225	0.1-<2.5%

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

#### SECTION 4: First aid measures

##### 4.1 Description of first aid measures

###### General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

###### After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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. Then consult a doctor.

**After swallowing:** If symptoms persist consult doctor.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

#### SECTION 5: Firefighting measures

##### 5.1 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

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

##### 5.3 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.

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

##### 6.3 Methods and material for containment and cleaning up:

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

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

##### 6.4 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.

#### SECTION 7: Handling and storage

##### 7.1 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.

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**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** Store in a cool location.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

1330-20-7 xylene	
WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV
108-88-3 toluene	
WEL	Short-term value: 384 mg/m <sup>3</sup> , 100 ppm Long-term value: 191 mg/m <sup>3</sup> , 50 ppm Sk
123-86-4 n-butyl acetate	
WEL	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm
111-76-2 2-butoxyethanol	
WEL	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 123 mg/m <sup>3</sup> , 25 ppm Sk, BMGV
78-83-1 butanol	
WEL	Short-term value: 231 mg/m <sup>3</sup> , 75 ppm Long-term value: 154 mg/m <sup>3</sup> , 50 ppm
78-93-3 butanone	
WEL	Short-term value: 899 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm Sk, BMGV
110-19-0 isobutyl acetate	
WEL	Short-term value: 903 mg/m <sup>3</sup> , 187 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm

**Ingredients with biological limit values:**

1330-20-7 xylene	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
111-76-2 2-butoxyethanol	
BMGV	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
78-93-3 butanone	
BMGV	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

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

## 8.2 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

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

**Form:**

Pasty

**Colour:**

According to product specification

**Odour:**

Characteristic

**Odour threshold:**

Not determined.

**pH-value:**

Not determined.

#### Change in condition

**Melting point/Melting range:**

Undetermined.

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<b>Boiling point/Boiling range:</b>	110 °C
<b>Flash point:</b>	≤ 21 °C
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Autoignition temperature:</b>	370 °C
<b>Decomposition temperature:</b>	Not determined.
<b>Self-igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Risk of explosion by shock, friction, fire or other sources of ignition. Explosive when mixed with oxidising substances.
<b>Explosion limits:</b>	
<b>Lower:</b>	1.1 Vol %
<b>Upper:</b>	7.0 Vol %
<b>Vapour pressure at 20 °C:</b>	6.7 hPa
<b>Density at 20 °C:</b>	1.305 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Solvent content:</b>	
<b>Organic solvents:</b>	42.0 %
<b>VOC (EC)</b>	410 g/l
<b>Solids content (volume):</b>	54.9 %
<b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

Harmful if inhaled.

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

<b>Oral</b>	<b>LD50</b>	32950 mg/kg (rat)
<b>Dermal</b>	<b>LD50</b>	5558 mg/kg

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Inhalative	LC50/4 h	52.8 mg/l
471-34-1 calcium carbonate		
Oral	LD50	6450 mg/kg (rat)
1330-20-7 xylene		
Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (ATE)
108-88-3 toluene		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50 (static)	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)
123-86-4 n-butyl acetate		
Oral	LD50	13100 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21.0 mg/l (rat)
111-76-2 2-butoxyethanol		
Oral	LD50	1480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)
Inhalative	LC50/4 h	11 mg/l (ATE)
78-83-1 butanol		
Oral	LD50	2460 mg/kg (rat)
Dermal	LD50	3400 mg/kg (rabbit)
78-93-3 butanone		
Oral	LD50	3300 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)
110-19-0 isobutyl acetate		
Oral	LD50	13400 mg/kg (rat)

**Primary irritant effect:****Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity**

Suspected of damaging the unborn child.

**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**SECTION 12: Ecological information****12.1 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

**12.2 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

**12.3 Bioaccumulative potential** No further relevant information available.

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12.4 Mobility in soil No further relevant information available.

**Additional 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.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

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

12.5 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).

12.6 Other adverse effects No further relevant information available.

**SECTION 13: Disposal considerations**

13.1 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.

**SECTION 14: Transport information**

14.1 UN-Number

ADR, IMDG, IATA

UN1263

14.2 UN proper shipping name

ADR

1263 PAINT RELATED MATERIAL, special provision 640D

IMDG, IATA

PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

ADR

Class  
Label

3 (F1) Flammable liquids.

3

IMDG, IATA

Class  
Label

3 Flammable liquids.

3

14.4 Packing group

ADR, IMDG, IATA

II

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code (Kemler):

33

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<b>EMS Number:</b>	<b>F-E,S-E</b>
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	<b>Not applicable.</b>
<b>Transport/Additional information:</b>	
<b>ADR</b>	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
Transport category	2
Tunnel restriction code	D/E
<b>IMDG</b>	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
<b>UN "Model Regulation":</b>	<b>UN 1263 PAINT RELATED MATERIAL, SPECIAL PROVISION 640D, 3, II</b>

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****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

**15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.****SECTION 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.

**Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H361 Suspected of damaging fertility or the unborn child.
- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.

Department issuing MSDS: Department of Quality Control

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**Contact:****H.B BODY S.A****Ms Olympia Stamkou****Ph: +30 2310 790 032****fax: +30 2310 790 033****email: stamkou@hbbody.com****Abbreviations and acronyms:****RID:** Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)**IATA-DGR:** Dangerous Goods Regulations by the "International Air Transport Association" (IATA)**ICAO:** International Civil Aviation Organisation**ICAO-TI:** Technical Instructions by the "International Civil Aviation Organisation" (ICAO)**ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)**IMDG:** International Maritime Code for Dangerous Goods**IATA:** International Air Transport Association**GHS:** Globally Harmonised System of Classification and Labelling of Chemicals**EINECS:** European Inventory of Existing Commercial Chemical Substances**ELINCS:** European List of Notified Chemical Substances**CAS:** Chemical Abstracts Service (division of the American Chemical Society)**VOC:** Volatile Organic Compounds (USA, EU)**LC50:** Lethal concentration, 50 percent**LD50:** Lethal dose, 50 percent**PBT:** Persistent, Bioaccumulative and Toxic**vPvB:** very Persistent and very Bioaccumulative**Flam. Liq. 2:** Flammable liquids, Hazard Category 2**Flam. Liq. 3:** Flammable liquids, Hazard Category 3**Acute Tox. 4:** Acute toxicity, Hazard Category 4**Skin Irrit. 2:** Skin corrosion/irritation, Hazard Category 2**Eye Dam. 1:** Serious eye damage/eye irritation, Hazard Category 1**Eye Irrit. 2:** Serious eye damage/eye irritation, Hazard Category 2**Repr. 2:** Reproductive toxicity, Hazard Category 2**Repr. 2:** Reproductive toxicity, Hazard Category 2**STOT SE 3:** Specific target organ toxicity - Single exposure, Hazard Category 3**STOT RE 2:** Specific target organ toxicity - Repeated exposure, Hazard Category 2**Asp. Tox. 1:** Aspiration hazard, Hazard Category 1**\* Data compared to the previous version altered.**

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Trade name: **BODY P980 1K FINE FILLER**

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## Annex: Exposure scenario

### Short title of the exposure scenario

#### 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

PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

Article category AC1 Vehicles

Environmental release category ERC2 Formulation of preparations

### 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 The substance is main component.

Used amount per time or activity Smaller than 100 g per application.

### Other operational conditions

Other operational conditions affecting environmental exposure No special measures required.

Other operational conditions affecting worker exposure

Avoid contact with eyes.

Avoid contact with the skin.

Do not breathe gas/vapour/aerosol.

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 exhaustion 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.

Avoid contact with the eyes.

Pregnant women should strictly avoid inhalation or skin contact.

Tightly sealed goggles

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.

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.

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**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.

Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.

**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.

**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.