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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Trade name: **804 ANTI SILICONE ADDITIVE**

Article number: 246

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Sector of Use SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category PC9a Coatings and paints, thinners, paint removers
- Process category PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- Environmental release category ERC2 Formulation into mixture
- Article category AC1 Vehicles
- Application of the substance / the mixture
 - Surface modifiers
 - Surface protection

1.3 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:

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

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

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

Classification according to Regulation (EC) No 1272/2008



flame

Flam. Liq. 3

H226

Flammable liquid and vapour.

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Trade name: 804 ANTI SILICONE ADDITIVE



health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Acute Tox. 4 H332 Harmful if inhaled.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

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

· Hazard pictograms



GHS02



GHS07



GHS08



GHS09

· Signal word Danger

· Hazard-determining components of labelling:

Solvent naphtha (petroleum), light arom.

n-butyl acetate

· Hazard statements

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

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.

2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT:

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

556-67-2 octamethylcyclotetrasiloxane

· vPvB:

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

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Trade name: 804 ANTI SILICONE ADDITIVE

556-67-2 octamethylcyclotetrasiloxane

SECTION 3: Composition/information on ingredients**3.2 Chemical characterisation: Mixtures**

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

Dangerous components:

CAS: 64742-95-6	Solvent naphtha (petroleum), light arom.	60-<70%
EINECS: 265-199-0	Flam. Liq. 3, H226	
Index number: 649-356-00-4	Asp. Tox. 1, H304	
Reg.nr.: 01-2119455851-35-0001	Aquatic Chronic 2, H411	
	Acute Tox. 4, H332; STOT SE 3, H335	
CAS: 123-86-4	n-butyl acetate	25-<30%
EINECS: 204-658-1	Flam. Liq. 3, H226	
Index number: 607-025-00-1	STOT SE 3, H336	
RTECS: AF 7350000		
Reg.nr.: 01-2119485493-29-007		
01-2119485493-29-004		
01-2119485493-29-003		
01-2119485493-29-005		
01-2119485493-29		
CAS: 541-02-6	2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane	≥0-<0.9%
	Non-classified vPvB substance.	
	Non-classified PBT substance.	
CAS: 556-67-2	octamethylcyclotetrasiloxane	≥0.025-<0.25%
EINECS: 209-136-7	Flam. Liq. 3, H226	
Index number: 014-018-00-1	Repr. 2, H361f	
RTECS: GZ 4397000	Aquatic Chronic 1, H410 (M=10)	
	PBT; vPvB	

SVHC

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

556-67-2 octamethylcyclotetrasiloxane

Additional information: For the wording of the listed hazard 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.

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 rinse with water.

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

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.

Trade name: 804 ANTI SILICONE ADDITIVE**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing agents:

CO₂, 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

5.6 Fire and explosion Hazards

Speial protective equipment and fire fighting procedures:

Mouth respiratory protective device.

Firefighters should wear full protective flameproof clothing and self contained breathing apparatus for the firefighter if necessary. In the event of any fire try cool down the tanks with water spray. If possible do not allow the water used by firefighters to enter the drains or come in any contact with the water supply lines for the public. Always seek as appropriate.

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 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.

6.3 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.

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.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 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.

7.3 Specific end use(s) No further relevant information available.

Trade name: 804 ANTI SILICONE ADDITIVE

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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Ingredients with limit values that require monitoring at the workplace:

123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m³, 200 ppm

Long-term value: 724 mg/m³, 150 ppm

Regulatory information WEL: EH40/2020

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.

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 in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

The breakthrough time of gloves is unknown for this product itself. The glove material that can be used is recommended on the basis of the different substances in the preparation.

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

Trade name: 804 ANTI SILICONE ADDITIVE

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- General Information
- Appearance:
 - Form: Fluid
 - Colour: According to product specification
- Odour: Characteristic
- Odour threshold: Not determined.
- pH-value: Mixture is non-soluble (in water).
- Change in condition
 - Melting point/freezing point: Undetermined.
 - Initial boiling point and boiling range: 124-128 °C (123-86-4 n-butyl acetate)
- Flash point: 23 - 60 °C
- Flammability (solid, gas): 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: 0.7 Vol %
 - Upper: 7.5 Vol %
- Vapour pressure at 20 °C: 10.7 hPa
- Density at 20 °C: 0.9887 g/cm³
- 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: 10 mPas
 - Kinematic at 40 °C: 8-10 mm²/s
- Solvent content:
 - Organic solvents: 96.0 %
 - VOC (EC): -
949.2 g/l
 - Solids content (volume): 3.8-3.9 %
- **9.2 Other information** 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.

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Trade name: 804 ANTI SILICONE ADDITIVE

- **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.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

- Acute toxicity
Harmful if inhaled.
- LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Inhalative LC50/4 h >15.2 mg/l (rat)

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

Oral LD50 >6,800 mg/kg (rat)

Dermal LD50 >3,400 mg/kg (rab)

Inhalative LC50/4 h >10.2 mg/l (rat)

123-86-4 n-butyl acetate

Oral LD50 13,100 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rabbit)

Inhalative LC50/4 h >21 mg/l (rat)

- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Additional toxicological information:
- 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 Based on available data, the classification criteria are not met.
- STOT-single exposure
May cause respiratory irritation. May cause drowsiness or dizziness.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard
May be fatal if swallowed and enters airways.

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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.
- **12.4 Mobility in soil** No further relevant information available.

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Trade name: 804 ANTI SILICONE ADDITIVE

- Ecotoxicical effects:
- Remark: Toxic for fish
- 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.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

· **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).
541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclotetrasiloxane
556-67-2 octamethylcyclotetrasiloxane
- **vPvB:**
This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).
541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclotetrasiloxane
556-67-2 octamethylcyclotetrasiloxane

- **12.6 Other adverse effects** No further relevant information available.

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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.

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SECTION 14: Transport information

- **14.1 UN-Number**
- ADR, IMDG, IATA UN1263
- **14.2 UN proper shipping name**
- ADR UN1263 PAINT RELATED MATERIAL,
ENVIRONMENTALLY HAZARDOUS
- IMDG PAINT RELATED MATERIAL, MARINE POLLUTANT
- IATA PAINT RELATED MATERIAL
- **14.3 Transport hazard class(es)**
- ADR



- Class 3 (F1) Flammable liquids.

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Trade name: 804 ANTI SILICONE ADDITIVE

· Label	3
· IMDG	
 	
· Class	3 Flammable liquids.
· Label	3
· IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: Solvent naphtha (petroleum), light arom.
· Marine pollutant:	Yes Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E,S-E
· Stowage Category	A
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· 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
· Transport category	3
· Tunnel restriction code	D/E
· IMDG	
· 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
· UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL, 3, III, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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Trade name: 804 ANTI SILICONE ADDITIVE

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

None of the ingredients is listed.

· Labelling according to Regulation (EC) No 1272/2008

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

· Hazard pictograms



GHS02 GHS07 GHS08 GHS09

· Signal word Danger

· Hazard-determining components of labelling:

Solvent naphtha (petroleum), light arom.

n-butyl acetate

· Hazard statements

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

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.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

· Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

· Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

· National regulations:

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to UK REACH

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

556-67-2 octamethylcyclotetrasiloxane

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

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H332 Harmful if inhaled.

Trade name: 804 ANTI SILICONE ADDITIVE

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361f Suspected of damaging fertility.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

· Department issuing SDS: Department of Quality Control

· Contact:

HB BODY S.A

Ms Olympia Stamkou

Ph: +30 2310 790 032

fax: +30 2310 790 033

email: stamkou@hbbody.com

· * Data compared to the previous version altered.

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Trade name: 804 ANTI SILICONE ADDITIVE

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Annex: Exposure scenario**Short title of the exposure scenario**

- Sector of Use SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category PC9a Coatings and paints, thinners, paint removers
- Process category PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- Article category AC1 Vehicles
- Environmental release category ERC2 Formulation into mixture

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 Use only on hard ground.
- 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
 - Use product only in enclosed systems.
 - Ensure that suitable extractors are available on processing machines
 - Provide explosion-proof electrical equipment.
- Personal protective measures
 - Do not inhale gases / fumes / aerosols.
 - Avoid contact with the skin.
 - Avoid contact with the eyes.
 - 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
 - Pregnant women should strictly avoid inhalation or skin contact.
- Measures for consumer protection
 - Ensure adequate labelling.

Trade name: 804 ANTI SILICONE ADDITIVE

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.

Do not allow to reach sewage system.

· **Soil**

Prevent contamination of 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.