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SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

· **Trade name: SPRAY FILL**

· **Article number:** 177

· 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**
Thinner, Diluent
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

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

corrosion

Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 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 GHS05 GHS07

· **Signal word** Danger

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

butan-1-ol
acetone

· **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.
Buildup of explosive mixtures possible without sufficient ventilation.

Continue on page 3

· 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 listed below with nonhazardous additions.
· **Dangerous components:**

CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 RTECS: PM 4780000	dimethyl ether Flam. Gas 1A, H220 Acute Tox. 2, H330 Press. Gas (Comp.), H280	60-<70%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 RTECS: AL 3150000 Reg.nr.: 01-2119471330-49-0001	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	20-<25%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 RTECS: EO 1400000 Reg.nr.: 01-2119484630-38-0000	butan-1-ol Flam. Liq. 3, H226 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	5-<10%
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	1-<5%

· **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.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· **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. Then consult a doctor.
· **After swallowing:** If symptoms persist consult doctor.
· 4.2 Most important symptoms and effects, both acute and delayed Coughing
· 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

Continue on page 4

* 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.
· 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:**
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 to enter sewers/ surface or ground water.
· 6.3 Methods and material for containment and cleaning up:
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.
· **Information about fire - and explosion protection:**
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
· 7.2 Conditions for safe storage, including any incompatibilities
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Observe label precautions. Store between 5 and 25 degrees Celcius in a dry, well ventilated place away from sources of heat, ignition and
direct sunlight. No smoking. Prevent access from unauthorised personell. Containers which are opened must be carefully resealed and kept
upright to prevent leakage. The storage and use of this product is subject to the requirements of the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). Up to 250 litres of such flammable liquids may be stored in a work area provided they are kept in a fire-proof cupboard or bin. Larger quantities must be kept in a separate storeroom conforming to the structural requirements of the regulations. Further guidance is contained in the HSE ACOP L135, "Storage of Dangerous Substances." UK.
Observe official regulations on storing packagings with pressurised containers.
· **Information about storage in one common storage facility:** Store away from flammable substances.
· **Further information about storage conditions:** Keep container tightly sealed.

Continue on page 5
GB

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

* SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

115-10-6 dimethyl ether

WEL Short-term value: 958 mg/m³, 500 ppm
Long-term value: 766 mg/m³, 400 ppm

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm
Long-term value: 1210 mg/m³, 500 ppm

71-36-3 butan-1-ol

WEL Short-term value: 154 mg/m³, 50 ppm
Sk

1330-20-7 xylene

WEL Short-term value: 441 mg/m³, 100 ppm
Long-term value: 220 mg/m³, 50 ppm
Sk; BMGV

· **Regulatory information** WEL: EH40/2020

· **Ingredients with biological limit values:**

1330-20-7 xylene

BMGV 650 mmol/mol creatinine
Medium: urine
Sampling time: post shift
Parameter: methyl hippuric acid

· **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.
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.

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· **Penetration time of glove material**
The exact break trough 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 breakthough time of gloves is unknown for this product itself. The glove material that can be used is recommended on the baseis 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:**
Safety glasses


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:	Aerosol
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:	-24.9 °C (115-10-6 dimethyl ether)
· **Flash point:**	< 0 °C
· **Flammability (solid, gas):**	Not applicable.
· **Autoignition temperature:**	235 °C
· **Decomposition temperature:**	Not determined.
· **Auto-ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Risk of explosion by shock, friction, fire or other sources of ignition.
· **Explosion limits:**	
Lower:	2.6 Vol %
Upper:	18.6 Vol %
· **Vapour pressure at 20 °C:**	5,200 hPa
· **Density at 20 °C:**	0.7075 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not determined.
· **Evaporation rate**	Not applicable.

Continue on page 7

· **Solubility in / Miscibility with**
water: Fully miscible.
· **Partition coefficient: n-octanol/water:** Not determined.
· **Viscosity:**
Dynamic: Not determined.
Kinematic: Not determined.
· **Solvent content:**
Organic solvents: 100.0 %
VOC (EC) 707.5 g/l
Solids content (volume): 0.0 %
· 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.
· 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** Based on available data, the classification criteria are not met.
· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)
Oral LD50 12.069 mg/kg (rat)
Dermal LD50 51.372 mg/kg (rabbit)
Inhalative LC50/4 h 283 mg/l

115-10-6 dimethyl ether
Inhalative LC50/4 h 308 mg/l (rat)

67-64-1 acetone
Oral LD50 5,800 mg/kg (rat)
Dermal LD50 20,000 mg/kg (rabbit)

71-36-3 butan-1-ol
Oral LD50 790 mg/kg (rat)
Dermal LD50 3,400 mg/kg (rabbit)
Inhalative LC50/4 h 8,000 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)

Continue on page 8

· **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.
· **Additional toxicological information:**
· **CMR effects (carcinogenity, 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 drowsiness or dizziness.
· **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.

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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 prouduct 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.
· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
· 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.

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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.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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SECTION 14: Transport information

· 14.1 UN-Number

· **ADR, IMDG, IATA** UN1950

· 14.2 UN proper shipping name

· **ADR** UN1950 AEROSOLS

· **IMDG** AEROSOLS

· **IATA** AEROSOLS, flammable

· 14.3 Transport hazard class(es)

· **ADR**

· **Class** 2 5F Gases.

· **Label** 2.1

· **IMDG, IATA**

· **Class** 2.1 Gases.

· **Label** 2.1

· 14.4 Packing group

· **ADR, IMDG, IATA** Void

· 14.5 Environmental hazards:

· **Marine pollutant:** No

· 14.6 Special precautions for user Warning: Gases.

· **Hazard identification number (Kemler code):** -

· **EMS Number:** F-D,S-U

· **Stowage Code** SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

· **Segregation Code** SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ)** 1L

· **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity

Continue on page 10

· **Transport category**	2
· **Tunnel restriction code**	D
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E0 Not permitted as Excepted Quantity
· **UN "Model Regulation":**	UN 1950 AEROSOLS, 2.1

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SECTION 15: Regulatory information

· 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 GHS05 GHS07

· **Signal word** Danger

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

butan-1-ol
acetone

· **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
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** P3a FLAMMABLE AEROSOLS

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t

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

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

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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.

Continue on page 11

· **Relevant phrases**
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

· **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

· **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 relatif au transport international 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. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1
Press. Gas (Comp.): Gases under pressure – Compressed gas
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

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Annex: Exposure scenario 1

· 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** Aerosol
· **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.
Take precautionary measures against static discharge.
Keep away from sources of ignition - No smoking.
Avoid contact with the skin.
· **Other operational conditions affecting consumer exposure**
No special measures required.
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 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**
Avoid contact with the eyes.
Tightly sealed goggles
Avoid contact with the skin.
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.
Observe consumer information and advice on safe use.
Keep locked up and out of the reach of children.

Continue on page 13

· **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 technitians 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.

Continue on page 14

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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** Aerosol
· **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** 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**
The usual precautionary measures are to be adhered to when handling chemicals.
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.
· **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 technitians 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.

Continue on page 15

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Annex: Exposure scenario 3

· 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 eyes.
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 eyes.
Tightly sealed goggles
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 technitians 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.