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Printing date 04.06.2015 Revision: 04.06.2015 Version number 7 Safety data sheet according to 1907/2006/EC, Article 31

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

#### 1.1 Product identifier

**Trade name: BODY LENS TINT SPRAY** 

**Article number: 488** 

## 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

Product category PC9a Coatings and paints, thinners, paint removers

**Process category** 

PROC8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at 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 & 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 & 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 01111

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

#### **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



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

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Trade name: BODY LENS TINT SPRAY

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#### GHS08 health hazard

Repr. 2 H361d Suspected of damaging the unborn child.



Eye Dam. 1 H318 Causes serious eye damage.



Acute Tox. 4	H332	Harmful if inhaled.
Skin Irrit. 2	H315	Causes skin irritation.
STOT SE 3	Н335	May cause respiratory irritation.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
<b>Aquatic Chronic 3</b>	H412	Harmful to aquatic life with long lasting effects.

# Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn: Harmful

R20/21-63: Harmful by inhalation and in contact with skin. Possible risk of harm to the unborn child.



Xi; Irritant

R36/37/38: Irritating to eyes, respiratory system and skin.



F+; Extremely flammable

**R12:** Extremely flammable.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurised container.

#### **Classification system:**

The classification is according to the latest editions of the EU-lists addapting Directive 67/548/EEC on the classification, packaging and labelling of dangerous substances and extended by company and literature data.

#### 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:

Solvent naphtha (petroleum), light arom.

butan-1-ol

toluene

xvlene

#### **Hazard statements**

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

H332 Harmful if inhaled.

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H315 Causes skin irritation. H318 Causes serious eye damage. H361d Suspected of damaging the unborn child.

H335

May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

# **Precautionary statements**

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.

Immediately call a POISON CENTER/doctor. P310

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:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Buildup of explosive mixtures possible without sufficient ventilation.

# 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 componer	ts:	
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 RTECS: PM 4780000	dimethyl ether F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	30 - <35%
CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35-0001	Solvent naphtha (petroleum), light arom.  Xn R65  Xi R37  N R51/53  R10  Flam. Liq. 3, H226  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Acute Tox. 4, H332; STOT SE 3, H335	15 - <20%
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  Xn R20/21  Xi R38  R10  ♠ Flam. Liq. 3, H226  ← Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	15 - <20%

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Trade name: BODY LENS TINT SPRAY

CAS: 71-36-3	butan-1-ol	(Contd. of pag 5 - <10°
EINECS: 200-751-6	xn R22	3 - <10
Index number: 603-004-00-6	Xi R27/38-41	
RTECS: EO 1400000	R10-67	
Reg.nr.: 01-2119484630-38-0000		
	Eye Dam. 1, H318	
	Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	
CAS: 108-88-3	toluene	5 - <10
EINECS: 203-625-9	<b>X</b> Xn R48/20-63-65	
Index number: 601-021-00-3	<b>★</b> Xi R38	
RTECS: XS 5250000	<b>▶</b> F R11	
Reg.nr.: 01-2119471310-51-0000		
01-2119471310-51-0003		
01-2119471310-51-0005	🅸 Flam. Liq. 2, H225	
	& Repr. 2, Ĥ361d; STOT RE 2, H373; Asp. Tox. 1, H304	
01-2119471310-51-0027	♦ Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 67-63-0	propan-2-ol	1-<2.5%
EINECS: 200-661-7	Xi R36	
Index number: 603-117-00-0	<b>8</b> F R11	
RTECS: NT 8050000	R67	
Reg.nr.: 01-2119457558-25-0002	<b>Plam. Liq. 2, H225</b>	
01-2119457558-25-0001	<b>♦</b> Eye Irrit. 2, H319; STOT SE 3, H336	

## **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

#### **General information:**

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. If symptoms persist, consult a doctor. Remove contanct lenses in case of eye contamination and irrigae copiously with clean water for at least 15 minutes trying to hold the eye lids open.

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:**

General aqueous film forming foam, Carbon dioxide (CO2), dry chemical extinguishing powder or water spray. Do not use water.

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.

### **Hazarous combustion products**

Fire will produce a dense black smoke containing hazardous decomposition by products. Exposure to those may be a hazard to health.

### **5.3** Advice for firefighters

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

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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:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

#### 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.

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

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50  $^{\circ}$ 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:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility: Not required.

**Further information about storage conditions:** 

Keep container tightly sealed.

Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

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:

#### 115-10-6 dimethyl ether

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

Long-term value: 766 mg/m³, 400 ppm

1330-20-7 xylene

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

Sk; BMGV

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71-36-3 butan-1-ol

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

Sk

108-88-3 toluene

WEL Short-term value: 384 mg/m³, 100 ppm Long-term value: 191 mg/m³, 50 ppm

Sk

67-63-0 propan-2-ol

WEL Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 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

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 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 selfcontained 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 trough 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

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Trade name: BODY LENS TINT SPRAY

**Body protection: Protective work clothing** 

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**SECTION 9: Physical and chemical properties** 9.1 Information on basic physical and chemical properties **General Information** Appearance: Form: Aerosol **Colour:** Black **Odour:** Characteristic **Odour threshold:** Not determined. pH-value at 20 °C: 7 **Change in condition** Melting point/Melting range: Undetermined. **Boiling point/Boiling range:** -24 °C Flash point: < 0 °C Flammability (solid, gaseous): Not applicable. **Autoignition temperature:** 235 °C **Decomposition temperature:** Not determined. **Self-igniting:** Product is not selfigniting. Danger of explosion: Risk of explosion by shock, friction, fire or other sources of ignition. **Explosion limits:** Lower: 0.7 Vol % Upper: 18.6 Vol % Vapour pressure at 20 °C: 5200 hPa Density at 20 °C: 0.84045 g/cm<sup>3</sup> Relative density Not determined. Vapour density Not determined. **Evaporation rate** Not applicable. Solubility in / Miscibility with water: Not miscible or difficult to mix. Partition coefficient (n-octanol/water): Not determined. Viscosity: **Dynamic:** Not determined. **Kinematic:** Not determined. **Solvent content: Organic solvents:** 82.2 % VOC (EC) 690.5 g/l **Solids content (volume):** 17.8 % 9.2 Other information

No further relevant information available.

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# **SECTION 10: Stability and reactivity**

- 10.1 Reactivity
- 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

Acute toxicity					
LD/LC50 values relevant for classification:					
ATE (Acut	TE (Acute Toxicity Estimates)				
Oral	LD50	10842 mg/kg (rat)			
Dermal	LD50	12909 mg/kg (rabbit)			
Inhalative	LC50/4 h	31.4 mg/l			
115-10-6 d	115-10-6 dimethyl ether				
Inhalative	LC50/4 h	308 mg/l (rat)			
64742-95-6	42-95-6 Solvent naphtha (petroleum), light arom.				
Oral	LD50	>6800 mg/kg (rat)			
Dermal	LD50	>3400 mg/kg (rab)			
Inhalative	LC50/4 h	>10.2 mg/l (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)			
71-36-3 bu					
Oral	LD50	790 mg/kg (rat)			
Dermal	LD50	3400 mg/kg (rabbit)			
Inhalative	LC50/4 h	8000 mg/l (rat)			
108-88-3 to	oluene				
Oral	LD50	5000 mg/kg (rat)			
Dermal	LD50 (static)	12124 mg/kg (rabbit)			
Inhalative	LC50/4 h	5320 mg/l (mouse)			
67-63-0 pr	propan-2-ol				
Oral	LD50	5045 mg/kg (rat)			
Dermal	LD50	12800 mg/kg (rabbit)			
Inhalative	LC50/4 h	30 mg/l (rat)			
	ъ.	innitant official			

## **Primary irritant effect:**

Skin corrosion/irritation Irritant to skin and mucous membranes.

Serious eye damage/irritation 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:

Harmful

**Irritant** 

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CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Repr. 2

## **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.

**Ecotoxical effects:** 

Remark: Harmful to 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.

Harmful to 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).

vPvB: Not applicable.

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 UN1950

## 14.2 UN proper shipping name

ADR 1950 AEROSOLS
IMDG AEROSOLS
IATA AEROSOLS, flammable

## 14.3 Transport hazard class(es)

**ADR** 



Class 2 5F Gases.

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Trade name: BODY LENS TINT SPRAY

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Label

2.1

IMDG, IATA



Class 2.1 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.

EMS Number: F-D.S-U

14.7 Transport in bulk according to Annex II of

Danger code (Kemler):

MARPOL73/78 and the IBC Code Not applicable.

**Transport/Additional information:** 

**ADR** 

Limited quantities (LQ) 1L Excepted quantities (EQ) Code: E0

Not permitted as Excepted Quantity

Transport category 2
Tunnel restriction code p

**IMDG** 

Limited quantities (LQ) 1L Excepted quantities (EQ) Code: E0

Not permitted as Excepted Quantity

UN "Model Regulation": UN1950, AEROSOLS, 2.1

# **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.

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

- 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.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.

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# Trade name: BODY LENS TINT SPRAY

(Contd. of page 10) H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. H411 R10 Flammable. R11 Highly flammable. **R12** Extremely flammable. R20/21 Harmful by inhalation and in contact with skin. **R22** Harmful if swallowed. **R36** Irritating to eyes. Irritating to respiratory system. R37 R37/38 Irritating to respiratory system and skin. Irritating to skin. **R38** R41 Risk of serious damage to eyes. R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. **R63** Possible risk of harm to the unborn child. **R65** Harmful: may cause lung damage if swallowed. **R67** Vapours may cause drowsiness and dizziness. H.B BODY S.A Ms Olympia Stamkou Ph: +30 2310 790 032 fax: +30 2310 790 033 email: stamkou@hbbody.com ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous 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

#### Abbreviations and acronyms:

Goods by Road)

**Contact:** 

IMDG: International Maritime Code for Dangerous Goods

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

Flam. Gas 1: Flammable gases, Hazard Category 1

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1 Press. Gas C: Gases under pressure: Compressed gas

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

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

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

\* Data compared to the previous version altered.

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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

Product category PC9a Coatings and paints, thinners, paint removers

**Process category** 

PROC8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at 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 Aerosol

Concentration of the substance in the mixture The substance is main component.

Used amount per time or activity 0.001 tons per day

## Other operational conditions

Other operational conditions affecting environmental exposure Use only on hard ground.

Other operational conditions affecting worker exposure

Avoid contact with eves.

Avoid contact with the skin.

Do not breathe aerosol.

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 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.

Use product only in enclosed systems.

Ensure that suitable extractors are available on processing machines

#### Personal protective measures

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 selfcontained 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.

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.

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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 technitians 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.

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