

1 Identification of the substance or mixture and of the supplier**Product identifier**Trade name: **SPRAY BUMPER PAINT**

Article number: 591

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 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

Coating compound/ Surface coating/ paint

Surface protection

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI, GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

Further information obtainable from:

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

Emergency telephone number: 24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

2 Hazards identification**Classification of the substance or mixture**

flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.



health hazard

Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

Trade name: SPRAY BUMPER PAINT

Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

· **Additional information:**

6.3A Substances that are irritating to the skin
2.1.2A Flammable aerosol
6.9 (Narcotic) Substances that are harmful to human target organs or systems
2.1.1 AFlammable gas - high hazard

· **Label elements**

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

· Hazard pictograms



GHS02 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labelling:

titanium dioxide

· Hazard statements

H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H315 Causes skin irritation.

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

H336 May cause drowsiness or dizziness.

· Precautionary statements

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

P251 Do not pierce or burn, even after use.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

· **Other hazards**

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

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

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

· **Dangerous components:**

CAS: 106-97-8	butane, pure	30-<35%
EINECS: 203-448-7	Flam. Gas 1A, H220	
Index number: 601-004-00-0	Press. Gas C, H280	
RTECS: EJ 4200000	Acute Tox. 3, H331	
CAS: 123-86-4	n-butyl acetate	15-<20%
EINECS: 204-658-1	Flam. Liq. 3, H226	
Index number: 607-025-00-1	STOT SE 3, H336	
RTECS: AF 7350000		

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CAS: 1330-20-7	xylene	15-<20%
EINECS: 215-535-7	☠ Flam. Liq. 3, H226	
Index number: 601-022-00-9	☠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	
RTECS: ZE 2100000		
CAS: 471-34-1	calcium carbonate	5-<10%
EINECS: 207-439-9		
RTECS: EV 9580000		
CAS: 13463-67-7	titanium dioxide	5-<10%
EINECS: 236-675-5	☠ Carc. 2, H351	
Index number: 022-006-00-2		
CAS: 108-65-6	2-methoxy-1-methylethyl acetate	1-<5%
EINECS: 203-603-9	☠ Flam. Liq. 3, H226	
Index number: 607-195-00-7		
CAS: 75-28-5	isobutane	1-<5%
EINECS: 200-857-2	☠ Flam. Gas 1A, H220	
Index number: 601-004-00-0	☠ Press. Gas C, H280	
RTECS: TZ 4300000		
CAS: 67-64-1	acetone	1-<5%
EINECS: 200-662-2	☠ Flam. Liq. 2, H225	
Index number: 606-001-00-8	☠ Eye Irrit. 2, H319; STOT SE 3, H336	
RTECS: AL 3150000		
CAS: 74-98-6	propane	1-<5%
EINECS: 200-827-9	☠ Flam. Gas 1A, H220	
Index number: 601-003-00-5	☠ Press. Gas C, H280	
RTECS: TX 2275000		

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

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

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire fighting measures**Extinguishing media**

- Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **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:** No special measures required.

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- **Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

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

- **Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- **Handling:**

- **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

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

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

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

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.

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

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

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.

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

8 Exposure controls/personal protection

- **Control parameters**

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

106-97-8 butane, pure

WES (New Zealand) Long-term value: 1900 mg/m³, 800 ppm

123-86-4 n-butyl acetate

WES (New Zealand) Short-term value: 950 mg/m³, 200 ppm

Long-term value: 713 mg/m³, 150 ppm

IOELV (EU)

Short-term value: 723 mg/m³, 150 ppm

Long-term value: 241 mg/m³, 50 ppm

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Trade name: SPRAY BUMPER PAINT**1330-20-7 xylene**

WES (New Zealand) Long-term value: 217 mg/m³, 50 ppm
oto

IOELV (EU) Short-term value: 442 mg/m³, 100 ppm
Long-term value: 221 mg/m³, 50 ppm
Skin

471-34-1 calcium carbonate

WES (New Zealand) Long-term value: 10 mg/m³

108-65-6 2-methoxy-1-methylethyl acetate

IOELV (EU) Short-term value: 550 mg/m³, 100 ppm
Long-term value: 275 mg/m³, 50 ppm
Skin

67-64-1 acetone

WES (New Zealand) Short-term value: 2375 mg/m³, 1000 ppm
Long-term value: 1185 mg/m³, 500 ppm
bio

IOELV (EU) Long-term value: 1210 mg/m³, 500 ppm

74-98-6 propane

WES (New Zealand) Simple asphyxiant; may present an explosion hazard

· **Regulatory information**

WES (New Zealand): Workplace Exposure Standards and Biological Exposure Indices

IOELV (EU): (EU) 2019/1831

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

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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

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Trade name: SPRAY BUMPER PAINT

- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
Rubber gloves
- Eye protection: Not required.
- Body protection: Protective work clothing

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information**

· Appearance:

· Form:

Aerosol

· Colour:

Different according to colouring

· 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:

-44.5 °C

· Flash point:

< 0 °C

· Flammability (solid, gas):

Not applicable.

· Autoignition temperature:

315 °C

· Decomposition temperature:

Not determined.

· Ignition temperature:

Product is not selfigniting.

· Explosive properties:

Risk of explosion by shock, friction, fire or other sources of ignition.

· Explosion limits:

· Lower:

1.2 Vol %

· Upper:

8.5 Vol %

· Vapour pressure at 20 °C:

2,100 hPa

· Density at 20 °C:

1.0013 g/cm³

· Relative density

Not determined.

· Vapour density

Not determined.

· Evaporation rate

Not applicable.

· 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:

74.5 %

· VOC (EC)

782.3-782.4 g/l

· Solids content (volume):

21.6 %

· **Other information**

No further relevant information available.

10 Stability and reactivity· **Reactivity** No further relevant information available.· **Chemical stability**

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

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Trade name: SPRAY BUMPER PAINT

- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information**Information on toxicological effects**

- Acute toxicity
- LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Dermal LD50 12.912 mg/kg (rabbit)

Inhalative LC50/4 h 68.8 mg/l

106-97-8 butane, pure

Inhalative LC50/4 h 658 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)

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)

471-34-1 calcium carbonate

Oral LD50 6,450 mg/kg (rat)

13463-67-7 titanium dioxide

Oral LD50 >20,000 mg/kg (rat)

Dermal LD50 >10,000 mg/kg (rabbit)

Inhalative LC50/4 h >6.82 mg/l (rat)

108-65-6 2-methoxy-1-methylethyl acetate

Oral LD50 8,532 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

67-64-1 acetone

Oral LD50 5,800 mg/kg (rat)

Dermal LD50 20,000 mg/kg (rabbit)

- Primary irritant effect:
- Skin corrosion/irritation Irritant to skin and mucous membranes.
- Serious eye damage/irritation No irritating effect.
- Respiratory or skin sensitisation Sensitising effect through inhalation is possible by prolonged exposure.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

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

Carc. 2

Trade name: **SPRAY BUMPER PAINT**

12 Ecological information

· **Toxicity**

· Aquatic toxicity:

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

· **Persistence and degradability**

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

· **Behaviour in environmental systems:**

· Bioaccumulative potential No further relevant information available.

· Mobility in soil No further relevant information available.

· **Additional ecological information:**

· General notes:

Water hazard class 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.

· **Results of PBT and vPvB assessment**

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

· vPvB: This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· Recommendation

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

· **Uncleaned packaging:**

· Recommendation: Disposal must be made according to official regulations.

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

14 Transport information

· **UN-Number**

· NZS, IMDG, IATA UN1950

· **UN proper shipping name**

· NZS UN1950 AEROSOLS

· IMDG AEROSOLS

· IATA AEROSOLS, flammable

· **Transport hazard class(es)**


· NZS



· Class 2 5F Gases.

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Trade name: SPRAY BUMPER PAINT

· Label	2.1
· IMDG, IATA	
	
· Class	2.1 Gases.
· Label	2.1
· Packing group	
· NZS, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· 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.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· NZS	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· 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

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

None of the ingredients is listed.

New Zealand Inventory of Chemicals

106-97-8 butane, pure

123-86-4 n-butyl acetate

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Trade name: SPRAY BUMPER PAINT

1330-20-7 xylene

9003-55-8 resin

471-34-1 calcium carbonate

13463-67-7 titanium dioxide

108-65-6 2-methoxy-1-methylethyl acetate

75-28-5 isobutane

67-64-1 acetone

74-98-6 propane

68609-36-9 modified chlorinated polyolefin

100-41-4 ethylbenzene

1302-78-9 bentonite

108-90-7 chlorobenzene

61789-01-3 epoxidised oil

1333-86-4 Carbon black

112945-52-5 Silica dioxide

1330-20-7 xylene

78-83-1 butanol

· HSNO Approval numbers

HSNO Number/HSNO Group Standard HSR002515

106-97-8 butane, pure: HSR000989

123-86-4 n-butyl acetate: HSR001091

1330-20-7 xylene: HSR000983

75-28-5 isobutane: HSR001003

67-64-1 acetone: HSR001070

74-98-6 propane: HSR001010

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

· Hazard pictograms



GHS02

GHS07

GHS08

· Signal word Danger

· Hazard-determining components of labelling:

titanium dioxide

· Hazard statements

H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H315 Causes skin irritation.

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

H336 May cause drowsiness or dizziness.

· Precautionary statements

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

P251 Do not pierce or burn, even after use.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

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Trade name: SPRAY BUMPER PAINT

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

16 Other information

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

- Reasons for alterations
- Relevant phrases
 - H220 Extremely flammable gas.
 - H225 Highly flammable liquid and vapour.
 - H226 Flammable liquid and vapour.
 - H280 Contains gas under pressure; may explode if heated.
 - H312 Harmful in contact with skin.
 - H315 Causes skin irritation.
 - H319 Causes serious eye irritation.
 - H331 Toxic if inhaled.
 - H332 Harmful if inhaled.
 - H336 May cause drowsiness or dizziness.
 - H351 Suspected of causing cancer.
- **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.

Trade name: SPRAY BUMPER PAINT**Annex: Exposure scenario 1****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 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 the skin.

Do not breathe aerosol.

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

Avoid contact with eyes.

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 exhaust or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

Technical protective measures

Provide explosion-proof electrical equipment.

Ensure that suitable extractors are available on processing machines

Personal protective measures

Avoid contact with the skin.

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.

Avoid contact with the eyes.

Tightly sealed goggles

Trade name: SPRAY BUMPER PAINT**· 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.

· Environmental protection measures**· Water**

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

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

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

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

This product is to be used by professional technicians only.

Not relevant for this Exposure Scenario.

· Guidance for downstream users

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

Trade name: SPRAY BUMPER PAINT**Annex: Exposure scenario 2****Short title of the exposure scenario**

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

Description of the activities / processes covered in the Exposure Scenario

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

Conditions of use According to directions for use.

Duration and frequency Frequency of use:

Physical parameters

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

Physical state Fluid

Concentration of the substance in the mixture Raw material.

Other operational conditions

Other operational conditions affecting environmental exposure No special measures required.

Other operational conditions affecting worker exposure

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

Other operational conditions affecting consumer exposure Keep out of the reach of children.

Other operational conditions affecting consumer exposure during the use of the product Not applicable.

Risk management measures

Worker protection

Organisational protective measures

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

Technical protective measures

No special measures required.

Provide explosion-proof electrical equipment.

Personal protective measures

Do not inhale gases / fumes / aerosols.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Measures for consumer protection

Ensure adequate labelling.

Keep locked up and out of the reach of children.

Observe consumer information and advice on safe use.

Environmental protection measures

Water

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

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

Disposal measures Ensure that waste is collected and contained.

Disposal procedures

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

Waste type Partially emptied and uncleaned packaging

Exposure estimation

Consumer

This product is to be used by professional technicians only.

Not relevant for this Exposure Scenario.

Trade name: SPRAY BUMPER PAINT

Guidance for downstream users

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

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Trade name: SPRAY BUMPER PAINT**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 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.

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.

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

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NZ

Trade name: SPRAY BUMPER PAINT

· **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.