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Safety data sheet
according to UK REACH

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

1.1 Product identifier

Trade name: **SPRAY C423 LENS CLEAR**

Article number: B949

UFI: XKT0-20XQ-6004-Y4DW

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

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

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

Surface protection

Coating material

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

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THESSALONIKI, GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

1.4 Emergency telephone number:

Regional Medicines and Poisons Information Centre NI

Pharmacy Department, Royal Hospital Suite

Grosvenor Road Belfast

Telephone: +44 28 90 63 2032

Fax: +44 28 90 24 80 30

Emergency telephone: 844 892 0111

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

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

Trade name: SPRAY C423 LENS CLEAR

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1 H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

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

n-butyl ester

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

Precautionary statements

P102 Keep out of reach of children.

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.

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Trade name: SPRAY C423 LENS CLEAR

2.3 Other hazards

Results of PBT and vPvB assessment

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

- 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	dimethyl ether	35-<40%
EINECS: 204-065-8	Flam. Gas 1A, H220	
Index number: 603-019-00-8	Acute Tox. 2, H330	
RTECS: PM 4780000	Press. Gas (Comp.), H280	
CAS: 67-64-1	acetone	15-<20%
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		
Reg.nr.: 01-2119471330-49-0001		
CAS: 1330-20-7	xylene	5-<10%
Index number: 601-022-00-9	Flam. Liq. 3, H226	
	Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	
CAS: 123-86-4	n-butyl ester	5-<10%
EINECS: 204-658-1	Flam. Liq. 3, H226	
Index number: 607-025-00-1	STOT SE 3, H336	
RTECS: AF 7350000		
Reg.nr.: 01-2119485493-29-007		
01-2119485493-29-004		
01-2119485493-29-003		
01-2119485493-29-005		
01-2119485493-29		
CAS: 71-36-3	butan-1-ol	≥3-<5%
EINECS: 200-751-6	Flam. Liq. 3, H226	
Index number: 603-004-00-6	Eye Dam. 1, H318	
RTECS: EO 1400000	Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335	
Reg.nr.: 01-2119484630-38-0000	STOT SE 3, H336	
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		
Reg.nr.: 01-2119475791-29-0001		
01-2119475791-29		
CAS: 112-07-2	2-butoxyethyl acetate	1-<5%
EINECS: 203-933-3	Acute Tox. 4, H312; Acute Tox. 4, H332	
Index number: 607-038-00-2		
RTECS: KJ 8925000		
Reg.nr.: 01-2119475112-47-0002		

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

SECTION 4: First aid measures

4.1 Description of first aid measures

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.

Trade name: SPRAY C423 LENS CLEAR

- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Suitable extinguishing agents:

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 section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

- 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 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.

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

Trade name: SPRAY C423 LENS CLEAR**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

1330-20-7 xylene

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

Long-term value: 220 mg/m³, 50 ppm

Sk; BMGV

123-86-4 n-butyl ester

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

Long-term value: 724 mg/m³, 150 ppm

71-36-3 butan-1-ol

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

Sk

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

WEL Short-term value: 548 mg/m³, 100 ppm

Long-term value: 274 mg/m³, 50 ppm

Sk

112-07-2 2-butoxyethyl acetate

WEL Short-term value: 332 mg/m³, 50 ppm

Long-term value: 133 mg/m³, 20 ppm

Sk

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.

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Trade name: SPRAY C423 LENS CLEAR

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

· **Material of gloves**

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

· **Penetration time of glove material**

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

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

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

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

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Rubber gloves

· **Eye protection:**

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:

Colourless

· **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**

Extremely flammable liquefied gas.

· **Autoignition temperature:**

235 °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:

2.6 Vol %

Upper:

18.6 Vol %

· **Vapour pressure at 20 °C:**

5,200 hPa

· **Density at 20 °C:**

0.78414-0.78434 g/cm³

· **Relative density**

Not determined.

· **Vapour density**

Not determined.

· **Evaporation rate**

Not applicable.

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Trade name: SPRAY C423 LENS CLEAR

- Solubility in / Miscibility with water: Not miscible or difficult to mix.
- Partition coefficient: n-octanol/water: Not determined.
- Viscosity:
 - Dynamic: Not determined.
 - Kinematic at 20 °C: 0 mm²/s
- Solvent content:
 - Organic solvents: 84.0 %
 - VOC (EC) 655.0 g/l
 - Solids content (volume): 16.1 %
- **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 16.615 mg/kg (rat)
Dermal LD50 17.179 mg/kg (rabbit)
Inhalative LC50/4 h 98.3 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)

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)

123-86-4 n-butyl ester

Oral LD50 13,100 mg/kg (rat)
Dermal LD50 >5,000 mg/kg (rabbit)
Inhalative LC50/4 h >21 mg/l (rat)

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)

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

Oral LD50 8,532 mg/kg (rat)

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

112-07-2 2-butoxyethyl acetate

Oral LD50 2,400 mg/kg (rat)

Dermal LD50 1,580 mg/kg (rabbit)

Inhalative LC50/4 h 11 mg/l (ATE)

- 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 (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure
May cause 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.

*

SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity:
This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea
- **12.2 Persistence and degradability**
This product contains polyestheric 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: 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.
- European waste catalogue

HP3 Flammable

HP4 Irritant - skin irritation and eye damage

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Trade name: SPRAY C423 LENS CLEAR

- 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

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

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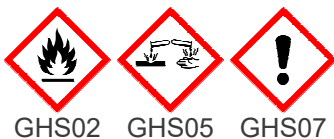
Trade name: SPRAY C423 LENS CLEAR

· 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

SECTION 15: Regulatory information

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

- None of the ingredients is listed.
- Poisons Act
- Regulated explosives precursors
- None of the ingredients is listed.
- Regulated poisons
- None of the ingredients is listed.
- Reportable explosives precursors
- 67-64-1 acetone: Listed
- Reportable poisons
- 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



- Signal word Danger
- Hazard-determining components of labelling:
 - butan-1-ol
 - acetone
 - n-butyl ester
- Hazard statements
 - H222 Extremely flammable aerosol.
 - H229 Pressurised container: May burst if heated.
 - H315 Causes skin irritation.
 - H318 Causes serious eye damage.
 - H336 May cause drowsiness or dizziness.
- Precautionary statements
 - P102 Keep out of reach of children.
 - 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
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
- None of the ingredients is listed.
- REGULATION (EU) 2019/1148
- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
- None of the ingredients is listed.
- Annex II - REPORTABLE EXPLOSIVES PRECURSORS
- 67-64-1 acetone
- Regulation (EC) No 273/2004 on drug precursors
- 67-64-1 acetone: 3
- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
- 67-64-1 acetone: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

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.
 - 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.
- Classification according to Regulation (EC) No 1272/2008

Aerosols, Section 2.3.1	Bridging principles
Skin corrosion/irritation	The classification of the mixture is generally based on the calculation
Serious eye damage/irritation	method using substance data according to Regulation (EC) No
Specific target organ toxicity (single exposure)	1272/2008.
- Department issuing SDS: Department of Quality Control
- Contact:
 - HB BODY S.A
 - Regulatory Officer
 - Ms Athina Kapourani
 - Ph: +30 2310 790000
 - email: a.kapourani@hbbody.com
- * Data compared to the previous version altered.

Trade name: SPRAY C423 LENS CLEAR

Annex: Exposure scenario 1

Short title of the exposure scenario

Sector of Use

- SU21 Consumer uses: Private households / general public / consumers
- 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:

Worker Permanent use with exposure up to 8 hrs every work day of the week.

Environment The product may not be released into the environment without control.

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.

Avoid long-term or repeated skin contact.

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

The directions for use must indicate the limits for proper use.

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.

Pregnant women should strictly avoid inhalation or skin contact.

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

Trade name: SPRAY C423 LENS CLEAR· **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.

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**

Disposal must be made according to official regulations.

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.

The highest inhalative exposure to be expected for consumers is 50 ppm.

The highest dermal exposure to be expected for consumers is 0.5 mg / kg / day.

The highest oral exposure to be expected for consumers is 0.5 mg / kg / day.

· **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 C423 LENS CLEAR

* **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**

Not relevant for this Exposure Scenario.

This product is to be used by professional technicians only.

· **Guidance for downstream users**

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

Trade name: SPRAY C423 LENS CLEAR

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

Not relevant for this Exposure Scenario.

This product is to be used by professional technicians only.

Guidance for downstream users

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