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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Trade name: **SPRAY 930 UNDERBODY**

Article number: 567

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

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

Application of the substance / the mixture Surface protection

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI, GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

Further information obtainable from:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI, GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

1.4 Emergency telephone number:

Regional Medicines and Poisons Information Centre NI

Pharmacy Department, Royal Hospital Suite

Grosvenor Road Belfast

Telephone: +44 28 90 63 2032

Fax: +44 28 90 24 80 30

Emergency telephone: 844 892 0111

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

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

Classification according to Regulation (EC) No 1272/2008



flame

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



Skin Irrit. 2

H315

Causes skin irritation.

Continue on page 2

GB

Trade name: SPRAY 930 UNDERBODY

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the GB CLP regulation.
- Hazard pictograms



GHS02 GHS07

- Signal word Danger
- Hazard statements
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P332+P313 If skin irritation occurs: Get medical advice/attention.
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.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

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

CAS: 106-97-8	butane, pure	25-<30%
EINECS: 203-448-7	Flam. Gas 1A, H220	
Index number: 601-004-00-0	Acute Tox. 3, H331	
RTECS: EJ 4200000	Press. Gas (Comp.), H280	
CAS: 8052-42-4	Asphalt	20-<25%
EINECS: 232-490-9	substance with a Community workplace exposure limit	
RTECS: CI 9900000		
CAS: 64742-89-8	Solvent naphtha (petroleum), light aliph.	10-<15%
EINECS: 265-192-2	Asp. Tox. 1, H304	
Index number: 649-267-00-0		
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	10-<15%
EINECS: 265-151-9	Flam. Liq. 2, H225	
Index number: 649-328-00-1	Asp. Tox. 1, H304	
Reg.nr.: 01-2119475514-35-0001	Aquatic Chronic 2, H411	
	Skin Irrit. 2, H315; STOT SE 3, H336	

Continue on page 3
GB

Trade name: SPRAY 930 UNDERBODY

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		
Reg.nr.: 01-2119471330-49-0001		
CAS: 75-28-5	isobutane	1-<5%
EINECS: 200-857-2	 Flam. Gas 1A, H220	
Index number: 601-004-00-0	Press. Gas (Comp.), H280	
RTECS: TZ 4300000		
CAS: 74-98-6	propane	1-<5%
EINECS: 200-827-9	 Flam. Gas 1A, H220	
Index number: 601-003-00-5	Press. Gas (Comp.), H280	
RTECS: TX 2275000		
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom.	≥1-<2.5%
EINECS: 265-199-0	 Flam. Liq. 3, H226	
Index number: 649-356-00-4	 Asp. Tox. 1, H304	
Reg.nr.: 01-2119455851-35-0001	 Aquatic Chronic 2, H411	
	 Acute Tox. 4, H332; STOT SE 3, H335	

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

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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.

Trade name: SPRAY 930 UNDERBODY**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 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** No special precautions are necessary if used correctly.**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.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****106-97-8 butane, pure**

WEL Short-term value: 1810 mg/m³, 750 ppm

Long-term value: 1450 mg/m³, 600 ppm

Carc (if more than 0.1% of buta-1.3-diene)

8052-42-4 Asphalt

WEL Short-term value: 10 mg/m³

Long-term value: 5 mg/m³

67-64-1 acetone

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

Long-term value: 1210 mg/m³, 500 ppm

Regulatory information WEL: EH40/2020

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

Continue on page 5

GB

Trade name: SPRAY 930 UNDERBODY**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: Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

Material of gloves

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

Penetration time of glove material

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

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

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

- For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)
- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: Rubber gloves
- Eye protection: Not required.
- 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: | Black |
| Odour: | Solvent-like |
| 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. |

Continue on page 6
GB

Trade name: SPRAY 930 UNDERBODY

- Autoignition temperature: 365 °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: 1.5 Vol %
 - Upper: 8.5 Vol %
- Vapour pressure at 20 °C: 2,100 hPa
- Density at 20 °C: 0.839 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: 61.5 %
 - Water: 0.4 %
 - VOC (EC) 550.0 g/l
 - Solids content (volume): 13.2 %
- **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)

Inhalative LC50/4 h >478 mg/l (rat)

106-97-8 butane, pure

Inhalative LC50/4 h 658 mg/l (rat)

Continue on page 7
GB

Trade name: SPRAY 930 UNDERBODY**471-34-1 calcium carbonate**

Oral LD50 6,450 mg/kg (rat)

67-64-1 acetone

Oral LD50 5,800 mg/kg (rat)

Dermal LD50 20,000 mg/kg (rabbit)

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

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

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

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

- Primary irritant effect:
- Skin corrosion/irritation
Causes skin irritation.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Additional toxicological information:
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- 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 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.**Ecotoxicological effects:**

Remark: Harmful to fish

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.

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.

Trade name: SPRAY 930 UNDERBODY

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

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

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

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

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:

Not applicable.

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.

Continue on page 9
GB

Trade name: SPRAY 930 UNDERBODY

- 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
 - 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.

- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the GB CLP regulation.
- Hazard pictograms



GHS02 GHS07

- Signal word Danger
- Hazard statements
 - H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
 - H315 Causes skin irritation.
 - H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements
 - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P211 Do not spray on an open flame or other ignition source.
 - P251 Do not pierce or burn, even after use.
 - P332+P313 If skin irritation occurs: Get medical advice/attention.
 - 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

Continue on page 10
GB

Trade name: SPRAY 930 UNDERBODY

- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

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SECTION 16: Other information

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

- 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.
 - H304 May be fatal if swallowed and enters airways.
 - H315 Causes skin irritation.
 - H319 Causes serious eye irritation.
 - H331 Toxic if inhaled.
 - H332 Harmful if inhaled.
 - H335 May cause respiratory irritation.
 - H336 May cause drowsiness or dizziness.
 - H411 Toxic to aquatic life with long lasting effects.
- 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.

GB

Continue on page 11

Trade name: SPRAY 930 UNDERBODY

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

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

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

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

Avoid contact with the skin.

Other operational conditions affecting consumer exposure No special measures required.

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.

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

Continue on page 12

GB

Trade name: SPRAY 930 UNDERBODY

· **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.

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