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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 P965 WASH PRIMER TRANSPARENT SPRAY

• Article number: 633

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

- · Life cycle stages IS Use at industrial Sites
- 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 mixture (charging and discharging) at dedicated facilities
- Environmental release category ERC5 Use at industrial site leading to inclusion into/onto article

· Article category AC1 Vehicles

• Technical function Corrosion inhibitor

* 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 Page 2/13 Printing date 25.04.2020 Revision: 25.04.2020 Version number 7

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Fax: +44 28 90 24 80 30 Emergency telephone: 844 892 0111 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



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



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



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 CLP regulation.

· Hazard pictograms



Signal word Danger

Hazard-determining components of labelling:

butan-1-ol butanone propan-2-ol n-butyl acetate

· Hazard statements

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

- H318 Causes serious eye damage.
- H336 May cause drowsiness or dizziness.

Precautionary statements

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

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:

Buildup of explosive mixtures possible without sufficient ventilation.

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(Contd. of page 2) · 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 components:** CAS: 115-10-6 dimethyl ether 45-<50% EINECS: 204-065-8 🐼 Flam. Gas 1, H220 Index number: 603-019-00-8 Press. Gas (Comp.), H280 RTECS: PM 4780000 CAS: 78-93-3 30-<35% butanone EINECS: 201-159-0 🚸 Flam. Liq. 2, H225 Index number: 606-002-00-3 Eye Irrit. 2, H319; STOT SE 3, H336 RTECS: EL 6475000 Reg.nr.: 01-2119457290-43-0000 CAS: 67-63-0 5-<10% propan-2-ol EINECS: 200-661-7 🚸 Flam. Liq. 2, H225 Index number: 603-117-00-0 Eye Irrit. 2, H319; STOT SE 3, H336 RTECS: NT 8050000 Reg.nr.: 01-2119457558-25-0002 01-2119457558-25-0001 CAS: 123-86-4 n-butyl acetate 2.5-<5% 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. Lig. 3, H226 Index number: 603-004-00-6 Eye Dam. 1, H318 RTECS: E0 1400000 🗘 Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336 Reg.nr.: 01-2119484630-38-0000

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:

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; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.

• After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

• **After swallowing:** If symptoms persist consult doctor.

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• 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

Speial protective equipment and fire fighting procedures:

Firefighters should wear full protective flameproof clothing and self contained breathing apparatus for the firefighter if necessary. In the event of any fire try cool down the tanks with water spray. If possible do not allow the water used by firefighters to enter the drains or come in any contact with the water supply lines for the public. Always seek as appropriate.

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

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

6.3 Methods and material for containment and cleaning up:

Use neutralising agent. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

• 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

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

Keep ignition sources away - Do not smoke.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Observe 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.

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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 78-93-3 butanone WEL Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, BMGV 67-63-0 propan-2-ol WEL Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm 123-86-4 n-butyl acetate 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 **Regulatory information** WEL: EH40/2020 Ingredients with biological limit values:

78-93-3 butanone

BMGV 70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

• 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. Avoid contact with the eves and skin.

Respiratory protection:

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

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

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

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Penetration time of glove material

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

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

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

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

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

Eye protection:

Safety glasses



Tightly sealed goggles

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<u>7.1 Information on basic physical and en</u>	
General Information	
Appearance:	
Form:	Aerosol
Colour:	Transparent
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	-24.9 °C
Flash point:	< 0 °C
Flammability (solid, gas):	Not applicable.
Autoignition temperature:	235 °C
 Decomposition temperature: 	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Risk of explosion by shock, friction, fire or other sources of ignition.
Explosion limits:	
Lower:	1.8 Vol %
Upper:	18.6 Vol %
· Vapour pressure at 20 °C:	5,200 hPa
Density at 20 °C:	0.75743-0.75836 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
	(Cor

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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:	93.7 %
VOC (EC)	709.5-710.4 g/l
Solids content (volume):	6.0 %
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

• 10.1 Reactivity No further relevant information available.

10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

• Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 24,947 mg/kg (rat)

115-10-6 dimethyl ether

Inhalative LC50/4 h 308 mg/l (rat)

78-93-3 butanone

Oral LD50 3,300 mg/kg (rat) Dermal LD50 5,000 mg/kg (rabbit)

67-63-0 propan-2-ol

Oral LD50 5,045 mg/kg (rat) Dermal LD50 12,800 mg/kg (rabbit)

Inhalative LC50/4 h 30 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)

71-36-3 butan-1-ol

Oral LD50 790 mg/kg (rat) Dermal LD50 3,400 mg/kg (rabbit)

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Inhalative LC50/4 h 8,000 mg/l (rat)

- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation

Causes serious eye damage.

- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.

STOT-single exposure

- May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

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

12.2 Persistence and degradability

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

- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

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

12.5 Results of PBT and vPvB assessment

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

- · **vPvB:** 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

HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

[•] Uncleaned packaging:

• **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information	
14.1 UN-Number	
ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name	
ADR	UN1950 AEROSOLS
IMDG	AEROSOLS
ΙΑΤΑ	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
2	
Class	2 5F Gases.
Label	2.1
	2.1
IMDG, IATA	
\mathbf{V}	
Class	2.1
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.
Stowage oode	SW2 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:
1/7 Transment in bull concerding to Approx II of Mar	Segregation as for the appropriate subdivision of class 2.
14.7 Transport in bulk according to Annex II of Mar 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	
Tunnel restriction code	D
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· IMDG

· Limited quantities (LQ)

• Excepted quantities (EQ)

UN "Model Regulation":

1L Code: E0 Not permitted as Excepted Quantity 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 CLP regulation.

Hazard pictograms



· Signal word Danger

Hazard-determining components of labelling:

butan-1-ol butanone propan-2-ol n-butyl acetate

Hazard statements

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

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.
 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

• 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.

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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.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

Contact:

HB BODY S.A Ms Olympia Stamkou Ph: +30 2310 790 032 fax: +30 2310 790 033 email: stamkou@hbbody.com

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Gas 1: Flammable gases - Category 1 Aerosol 1: Aerosols – Category 1 Press. Gas (Comp.): Gases under pressure - Compressed gas Flam. Lig. 2: Flammable liquids – Category 2 Flam. Lig. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity - oral - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

* * Data compared to the previous version altered.

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Annex: Exposure scenario
· 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 mixture (charging and discharging) at dedicated facilities
· Article category AC1 Vehicles
• Environmental release category ERC5 Use at industrial site leading to inclusion into/onto article
• Technical function Corrosion inhibitor
Description of the activities / processes covered in the Exposure Scenario
See section 1 of the annex to the Safety Data Sheet.
 <u>Conditions of use</u> 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.
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 Dravide explosion proof electrical equipment
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

Measures for consumer protection

Ensure adequate labelling.

Observe consumer information and advice on safe use.

Environmental protection measures

Water

Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.

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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• 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.