Hazardous according to criteria of Australian Safety and Compensation Council.

*

1 Identification

· **Product identifier**

· Trade name: **BODY SPECIAL NICKEL 400ml`**

· Article number: 111258

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

· Sector of Use
SU21 Consumer uses: Private households / general public / consumers
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:
Sydney Automotive Paints & Equipment PTY LTD
Unit A3, 366 Edgar St. Condell Park NSW 2200
AUSTRALIA, Tel. +02 9772 9000 , +02 9772 9001

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Trade name: BODY SPECIAL NICKEL 400ml`

· Emergency telephone number:
If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zeland 0800 764 766.

* **2 Hazard(s) Identification**

· **Classification of the substance or mixture**


flame

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


health hazard

Muta. 1A H340 May cause genetic defects.
Carc. 1A H350 May cause cancer. Route of exposure: Inhalation.

Skin Irrit. 2 H315 Causes skin irritation.

· **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:
butane, pure (30-<35 %)
isobutane (1-<5 %)
· Hazard statements
H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.
H315 Causes skin irritation.
H340 May cause genetic defects.
H350 May cause cancer. Route of exposure: Inhalation.
· Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P308+P313 IF exposed or concerned: Get medical advice/attention.
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.

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· vPvB: Not applicable.

*

3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**
· Description: Mixture of hazardous substances listed below with nonhazardous additions.
· Dangerous components:

CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 RTECS: EJ 4200000	butane, pure Flam. Gas 1A, H220 Press. Gas C, H280 Acute Tox. 3, H331 Muta. 1A, H340; Carc. 1A, H350	30-<35%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 RTECS: AF 7350000	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	15-<20%
CAS: 471-34-1 EINECS: 207-439-9 RTECS: EV 9580000	calcium carbonate	10-<15%
CAS: 1330-20-7 Index number: 601-022-00-9	xylene Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	≥5-<10%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 RTECS: ZE 2100000	xylene Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335	5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 RTECS: TZ 4300000	isobutane Flam. Gas 1A, H220 Press. Gas C, H280 Muta. 1A, H340; Carc. 1A, H350	1-<5%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	1-<5%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 RTECS: TX 2275000	propane Flam. Gas 1A, H220 Press. Gas C, H280	1-<5%
CAS: 1333-86-4 EINECS: 215-609-9 RTECS: FF 5150100	Carbon black	1-<5%

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

*

4 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.

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AU

· Indication of any immediate medical attention and special treatment needed
No further relevant information available.

* **5 Fire Fighting Measures**

· **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.
· **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.
· **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 and personal protection**

· **Additional information about design of technical facilities:** No further data; see section 7.
· **Ingredients with limit values that require monitoring at the workplace:**

106-97-8 butane, pure
WES Long-term value: 1900 mg/m³, 800 ppm

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123-86-4 n-butyl acetate
WES Short-term value: 950 mg/m³, 200 ppm
Long-term value: 713 mg/m³, 150 ppm

471-34-1 calcium carbonate
WES Long-term value: 10 mg/m³
inhalable dust

1330-20-7 xylene
WES Short-term value: 655 mg/m³, 150 ppm
Long-term value: 350 mg/m³, 80 ppm

1330-20-7 xylene
WES Short-term value: 655 mg/m³, 150 ppm
Long-term value: 350 mg/m³, 80 ppm

108-65-6 2-methoxy-1-methylethyl acetate
WES Short-term value: 548 mg/m³, 100 ppm
Long-term value: 274 mg/m³, 50 ppm
Sk

74-98-6 propane
WES Asphyxiant

1333-86-4 Carbon black
WES Long-term value: 3 mg/m³

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

· **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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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

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

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AU

· Eye protection:
Safety glasses

Tightly sealed goggles

· Body protection: Protective work clothing

*

9 Physical and Chemical Properties

· **General Information**	
· Appearance:	
· Form:	Aerosol
· Colour:	According to product specification
· 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:**	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:	1.2 Vol %
· Upper:	8.5 Vol %
· **Vapour pressure at 20 °C:**	2 hPa
· **Density at 20 °C:**	0.61107 g/cm³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· **Solubility in / Miscibility with**	
· water:	Not miscible or difficult to mix.
· **Partition coefficient: n-octanol/water:**	Not determined.
· **Viscosity:**	
· Dynamic:	Not determined.
· Kinematic at 20 °C:	0 mm²/s
· **Solvent content:**	
· Organic solvents:	69.3 %
· VOC (EC)	446.9-447.1 g/l
· Solids content (volume):	26.4 %
· **Other information**	No further relevant information available.

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10 Stability and Reactivity

· **Reactivity** No further relevant information available.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **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 Based on available data, the classification criteria are not met.
· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)
Dermal LD50 14,014-14,029 mg/kg (rabbit)
Inhalative LC50/4 h 74.3-74.4 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)

471-34-1 calcium carbonate
Oral LD50 6,450 mg/kg (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)

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)

108-65-6 2-methoxy-1-methylethyl acetate
Oral LD50 8,532 mg/kg (rat)
Inhalative LC50/4 h 35.7 mg/l (rat)

1333-86-4 Carbon black
Oral LD50 10,000 mg/kg (rat)

· 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.
· Germ cell mutagenicity May cause genetic defects.
· Carcinogenicity May cause cancer. Route of exposure: Inhalation.
· 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.

Continue on page 8

· Aspiration hazard Based on available data, the classification criteria are not met.

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 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
· **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.

*

14 Transport information

· **UN-Number**
· ADG, IMDG, IATA UN1950
· **UN proper shipping name**
· ADG UN1950 AEROSOLS
· IMDG AEROSOLS
· IATA AEROSOLS, flammable
· **Transport hazard class(es)**
· ADG

· Class 2 5F Gases.

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Trade name: BODY SPECIAL NICKEL 400ml`

· Label	2.1
· IMDG, IATA	

· Class	2.1 Gases.
· Label	2.1
· **Packing group**	
· ADG, 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:**	
· ADG	
· 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.

· Australian Inventory of Industrial Chemicals

106-97-8 butane, pure

123-86-4 n-butyl acetate

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Trade name: BODY SPECIAL NICKEL 400ml`

471-34-1 calcium carbonate
9003-55-8 resin
1330-20-7 xylene
1330-20-7 xylene
75-28-5 isobutane
108-65-6 2-methoxy-1-methylethyl acetate
74-98-6 propane
1333-86-4 Carbon black
68937-54-2 Siloxanes and silicones, di-Me, 3-hydroxypropyl-Me, ethoxylated
100-41-4 ethylbenzene
78-83-1 butanol

· Standard for the Uniform Scheduling of Medicines and Poisons
1330-20-7 xylene: S6
1330-20-7 xylene: S6
· Australia: Priority Existing Chemicals
None of the ingredients is listed.
· **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:
butane, pure (30-<35 %)
isobutane (1-<5 %)
· Hazard statements
H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.
H315 Causes skin irritation.
H340 May cause genetic defects.
H350 May cause cancer. Route of exposure: Inhalation.
· Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P308+P313 IF exposed or concerned: Get medical advice/attention.
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

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· **National regulations:**

· Information about limitation of use:
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

· **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.

· Relevant phrases
H220 Extremely flammable gas.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause 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.

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Annex: Exposure scenario

· **Short title of the exposure scenario**
· Sector of Use
SU21 Consumer uses: Private households / general public / consumers
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.
Use only on hard ground.
· 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 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 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
Use product only in enclosed systems.
· Personal protective measures
Avoid contact with the skin.
Pregnant women should strictly avoid inhalation or skin contact.
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

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Trade name: BODY SPECIAL NICKEL 400ml`

· 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.
Do not allow to reach sewage system.
· Soil
The product is only processed over the concrete collecting basin.
Prevent contamination of soil.
· **Disposal measures** Ensure that waste is collected and contained.
· Disposal procedures
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
· Waste type Partially emptied and uncleaned packaging
· **Exposure estimation**
· Consumer
This product is to be used by professional technitians only.
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 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.