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Version no. 1

Safety Data Sheet in accordance with HSNO

## 1 Identification of the substance or mixture and of the supplier

## Other means of identification

Trade name: SPRAY HIGH HEAT PAINT

- · Article number: W044
- · Relevant identified uses of the substance or mixture and uses advised against
- · Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- · 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 ERC5 Use at industrial site leading to inclusion into/onto article
- · Article category AC1 Vehicles
- · Application of the substance / the mixture 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

57.022, SINDUS

THESSALONIKI, GREECE Ph: +30 2310 790 000

Fax: +30 2310 790 033 www.hbbody.com

email: hbbody@hbbody.com

Further information obtainable from:
Wyatt Machine Tools (Rupes) NZ Limited

Wyatt Machine Tools (Rupes) NZ Limited Address: 388 Church Street, Penrose, Auckland

Ph (09) 525 1000; Fax (09) 525 1009

Emergency telephone number: NZ Emergency 0800 992 881 (0800WYATT1)

## 2 Hazards identification

#### Classification of the substance or mixture



GHS02 flame

Aerosols Category 1

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.



Skin irritation Category 2

H315 Causes skin irritation.

Eye irritation Category 2 H319 Causes serious eye irritation.

Hazardous to the aquatic environment chronic Category 3 H412 Harmful to aquatic life with long lasting effects.

- · Additional information:
- 6.3A Substances that are irritating to the skin
- 9.1C Substances that are harmful in the aquatic environment
- 2.1.2A Flammable aerosol
- 8.3A Substances that are corrosive to ocular tissue

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6.4A Substances that are irritating to the eye

2.1.1 AFlammable gas - high hazard

#### Label elements

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





GHS02 GHS07

- · Signal word Danger
- Hazard statements
- H222 Extremely flammable aerosol.
- H229 Pressurized container: may burst if heated.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.
- · 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.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

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

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.

## 3 Composition/Information on ingredients

#### **Chemical characterisation: Mixtures**

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

#### Dangerous components:

CAS: 106-97-8 20-<25% butane, pure

EINECS: 203-448-7 Flammable gases Category 1A, H220

Index number: 601-004-00-0 🔆 Gases under pressure – Compressed gas, H280

Acute inhalation toxicity Category 3, H331 RTECS: EJ 4200000

CAS: 1333-86-4 Carbon black 20-<25%

EINECS: 215-609-9 RTECS: FF 5150100

CAS: 78-93-3 butanone 15-<20%

EINECS: 201-159-0 🚸 Flammable liquids Category 2, H225

Eye irritation Category 2, H319; Specific target organ toxicity - single Index number: 606-002-00-3

RTECS: EL 6475000 exposure Category 3, H336

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CAS: 1330-20-7 xylene 10-<15%

Index number: 601-022-00-9 Flammable liquids Category 3, H226

Acute dermal toxicity Category 4, H312; Acute inhalation toxicity Category

4, H332; Skin irritation Category 2, H315

CAS: 64742-49-0 Naphtha (petroleum), hydrotreated light

Hazardous to the aquatic environment chronic Category 2, H411

Skin irritation Category 2, H315

CAS: 75-28-5 isobutane 1-<5%

Index number: 601-004-00-0 Gases under pressure – Compressed gas, H280

RTECS: TZ 4300000

CAS: 74-98-6 propane 1-<5%

Index number: 601-003-00-5 🍑 Gases under pressure – Compressed gas, H280

RTECS: TX 2275000

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

#### 4 First aid measures

# Description of first aid measures

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

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Remove contanct lenses in case of eye contamination and irrigae copiously with clean water for at least 15 minutes trying to hold the eye lids open.

- · After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

#### 5 Fire fighting measures

#### Extinguishing media

· Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture No further relevant information available.

## Advice for firefighters

Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products

- · Speial protective equipment and fire fighting procedures: No special measures required.
- 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 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.

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≥2.5-<5%

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# **Trade name: SPRAY HIGH HEAT PAINT**

# 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 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.

## Conditions for safe storage, including any incompatibilities

- · Storage:
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- \* Specific end use(s) No further relevant information available.

# 8 Exposure controls/personal protection

#### **Control parameters**

Ingredients with limit values that require monitoring at the workplace:

#### 106-97-8 butane, pure

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

#### 1333-86-4 Carbon black

WES (New Zealand) Long-term value: 3 mg/m<sup>3</sup>

Suspected carcinogen

#### 78-93-3 butanone

WES (New Zealand) Short-term value: 890 mg/m³, 300 ppm

Long-term value: 445 mg/m<sup>3</sup>, 150 ppm

bio

IOELV (EU) Short-term value: 900 mg/m³, 300 ppm

Long-term value: 600 mg/m³, 200 ppm

#### 1330-20-7 xylene

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

oto, bio

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

Long-term value: 221 mg/m³, 50 ppm

Skin

## 74-98-6 propane

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

Regulatory information

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

IOELV (EU): (EU) 2019/1831

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

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#### 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 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 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

· Eye protection:

Safety glasses



Tightly sealed goggles

· Body protection: Protective work clothing

#### 9 Physical and chemical properties

# Information on basic physical and chemical properties

General Information

· Appearance:

· Form: Liquid

· Colour: Different according to colouring

· Odour: Characteristic
· Odour threshold: Not determined.

· pH-value: Mixture is non-soluble (in water).

· Change in condition

Melting point/freezing point:
 Initial boiling point and boiling range:
 Flash point:
 Undetermined.
 -44.5 °C
 < 0 °C</li>

Flammability Not applicable.

· Autoignition temperature: 500 °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.

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· Explosion limits:

Lower: 1.1 Vol %Upper: 7 Vol %Vapour pressure at 20 °C: 6.7 hPa

· Vapour pressure:

Density at 20 °C:
Relative density
Vapour density
Evaporation rate
1.58 g/cm³
Not determined.
Not determined.
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: 60.1 % · VOC (EC) 995.0 g/l · Solids content (volume): 36.9 %

Other information

· Particle characteristics Not applicable.

· Physical state Aerosol

## 10 Stability and reactivity

**Reactivity** No further relevant information available.

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

#### 11 Toxicological information

- Information on toxicological effects
- · Acute toxicity
- LD/LC50 values relevant for classification:

#### **ATE (Acute Toxicity Estimates)**

Dermal LD50 17,713 mg/kg (rabbit)

Inhalative LC50/4 h 94.1 mg/l

#### 106-97-8 butane, pure

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

#### 1333-86-4 Carbon black

Oral LD50 10,000 mg/kg (rat)

78-93-3 butanone

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

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)
Dermal LD50 2,000 mg/kg (rabbit)

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#### Trade name: SPRAY HIGH HEAT PAINT

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

- · Primary irritant effect:
- · Skin corrosion/irritation Irritant to skin and mucous membranes.
- · Serious eye damage/irritation Irritating effect.
- · Respiratory or skin sensitisation Sensitising effect through inhalation is possible by prolonged exposure.
- · Additional toxicological information:

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

Irritant

#### 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.

#### Ecotoxical 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

# 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

· NZS, IMDG, IATA UN1950

UN proper shipping name

· NZS UN1950 AEROSOLS

· IMDG AEROSOLS

· IATA AEROSOLS, flammable

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## Transport hazard class(es)

·NZS



· Class 2 5F Gases.

· Label 2.1

· IMDG, IATA



· Class 2.1 Gases.

· Label 2.1

Packing group

· NZS, IMDG, IATA Void

Environmental hazards:

· Marine pollutant: No

Special precautions for user Warning: Gases.

Hazard identification number (Kemler code):

· EMS Number: F-D,S-U

Stowage Code SW1 Protected from sources of heat.

> SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of

living quarters.

· Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre:

Segregation as for class 9. Stow "separated from" class 1

except for division 1.4.

For AEROSOLS with a capacity above 1 litre:

Segregation as for the appropriate subdivision of class 2.

For WASTE AEROSOLS:

Segregation as for the appropriate subdivision of class 2.

Transport in bulk according to Annex II of

Marpol and the IBC Code Not applicable.

Transport/Additional information:

·NZS

·IMDG

· Limited quantities (LQ) 11

· Excepted quantities (EQ) Code: E0

Not permitted as Excepted Quantity

 Transport category D

Tunnel restriction code

· Limited quantities (LQ) 1L

· Excepted quantities (EQ) Code: E0

Not permitted as Excepted Quantity

UN "Model Regulation": UN 1950 AEROSOLS, 2.1

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#### 15 Regulatory information

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

None of the ingredients is listed.

New Zealand Inventory of Chemicals

106-97-8 butane, pure

1333-86-4 Carbon black

78-93-3 butanone

1330-20-7 xylene

14807-96-6 Talc (Mg3H2(SiO3)4)

64742-49-0 Naphtha (petroleum), hydrotreated light

75-28-5 isobutane

1309-37-1 diiron trioxide

C.I Pigment RED 101

74-98-6 propane

872-50-4 1-methyl-2-pyrrolidone

7447-41-8 lithium chloride

· HSNO Approval numbers

HSNO Number/HSNO Group Standard HSR002515

106-97-8 butane, pure: HSR000989 1333-86-4 Carbon black: HSR002801 78-93-3 butanone: HSR001190 1330-20-7 xylene: HSR000983 75-28-5 isobutane: HSR001003

74-98-6 propane: HSR001010

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

Hazard pictograms





GHS02 GHS07

- · Signal word Danger
- · Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

· 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.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

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

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· Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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

#### 16 Other information

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

- · Reasons for alterations
- · Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

# **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.

NZ

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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

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

- · Article category AC1 Vehicles
- · Environmental release category ERC5 Use at industrial site leading to inclusion into/onto article

# 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 The substance is main component.

## Other operational conditions

- Other operational conditions affecting environmental exposure Use only on hard ground.
- Other operational conditions affecting worker exposure

Avoid contact with the skin.

Do not breathe gas/vapour/aerosol.

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

Avoid contact with eyes.

- 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.

Use product only in enclosed systems.

Ensure that suitable extractors are available on processing machines

· Personal protective measures

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Use suitable respiratory protective device in case of insufficient ventilation.

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 Avoid contact with the eyes.

Tightly sealed goggles

Pregnant women should strictly avoid inhalation or skin contact.

· Measures for consumer protection

Ensure adequate labelling.

Observe consumer information and advice on safe use.

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· 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

Prevent contamination of soil.

The product is only processed over the concrete collecting basin.

- **Disposal measures** Ensure that waste is collected and contained.
- Disposal procedures

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

· Waste type Partially emptied and uncleaned packaging

#### Exposure estimation

· Consumer

This product is to be used by professional technitians 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.

ΝZ