

Page 1/14 Printing date: 14.03.2022 Revision date: 14.03.2022 Version no. 1 Safety Data Sheet according to WHS Regulations

Hazardous according to criteria of Australian Safety and Compensation Council.

### 1 Identification

· Product identifier

## Trade name: BODY 742 ACRYL EXTRA SLOW THINNER

#### • Article number: 832

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

No further relevant information available.

- Sector of Use SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- · Process category PROC7 Industrial spraying
- Environmental release category ERC3 Formulation into solid matrix
- Article category AC1 Vehicles

### Application of the substance / the mixture

Surface protection Thinner, Diluent

## · 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 Page 2/14 Printing date: 14.03.2022 Revision date: 14.03.2022 Version no. 1

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## 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



Flam. Liq. 3 H226 Flammable liquid and vapour.



Acute Tox. 4 H332 Harmful if inhaled. STOT SE 3 H336 May cause drowsiness or dizziness.

## · Label elements

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

## · Hazard pictograms



## · Signal word Warning

## Hazard-determining components of labelling:

2-butoxyethyl acetate Solvent naphtha (petroleum), light arom.

## Hazard statements

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

## **Precautionary statements**

P210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.P241Use explosion-proof [electrical/ventilating/lighting] equipment.P261Avoid breathing dust/fume/gas/mist/vapours/spray.P303+P361+P353IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].P405Store locked up.P501Dispose of contents/container in accordance with local/regional/national/international regulations.

### • Other hazards

## Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **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: 108-65-6 EINECS: 203-603-9 Index number: 607-195-	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226 00-7	35-<40%
CAS: 112-07-2 EINECS: 203-933-3 Index number: 607-038- RTECS: KJ 8925000	2-butoxyethyl acetate	30-<35%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025- RTECS: AF 7350000	n-butyl acetate Flam. Liq. 3, H226 00-1 STOT SE 3, H336	20-<25%
CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-1	Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226 00-4 Asp. Tox. 1, H304 Acute Tox. 4, H332; STOT SE 3, H335-H336	≥2.5-<5%
CAS: 123-42-2 EINECS: 204-626-7 Index number: 603-016- RTECS: SA 9100000	4-hydroxy-4-methylpentan-2-one Flam. Liq. 3, H226 00-1 Eye Irritation 2A, H319	1-<5%

• 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.

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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

• After skin contact: Immediately rinse with water.

• After eye contact: Rinse opened eye for several minutes under running water.

• After swallowing: If symptoms persist consult doctor.

<sup>·</sup> 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.
- For safety reasons unsuitable extinguishing agents: Water with full jet

• 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: Mouth respiratory protective device.

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

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## 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.

#### Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 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. Prevent formation of aerosols.

#### Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

#### · Conditions for safe storage, including any incompatibilities

#### Storage:

- Requirements to be met by storerooms and receptacles: No special requirements.
- · 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 item 7.

### **Control parameters**

### Ingredients with limit values that require monitoring at the workplace:

### 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

## 112-07-2 2-butoxyethyl acetate

WES Short-term value: 333 mg/m³, 50 ppm Long-term value: 133 mg/m³, 20 ppm Sk

#### 123-86-4 n-butyl acetate

WES Short-term value: 950 mg/m<sup>3</sup>, 200 ppm Long-term value: 713 mg/m<sup>3</sup>, 150 ppm

### 123-42-2 4-hydroxy-4-methylpentan-2-one

WES Long-term value: 238 mg/m<sup>3</sup>, 50 ppm

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

- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.

**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

Eye protection:



Tightly sealed goggles

Body protection: Protective work clothing

## 9 Physical and Chemical Properties

- · Information on basic physical and chemical properties
- General Information

Appearance:	
Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	124-128 °C

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· Flash point:	23 - 60 °C
Flammability (solid, gas):	Not applicable.
• Autoignition temperature:	280 °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:	1.2 Vol %
Upper:	10.8 Vol %
Vapour pressure at 20 °C:	10.7 hPa
Density at 20 °C:	0.93317-0.9333 g/cm <sup>3</sup>
Relative density	Not determined.
· Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/wate	er: Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	98.7 %
VOC (EC)	920.8-920.9 g/l
Solids content (volume):	0.0 %
Other information	No further relevant information available.

### 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)

Oral LD50 7.208 mg/kg (rat)

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Dermal LD50 >4.588 mg/kg Inhalative LC50/4 h >18 mg/l

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

Oral LD50 8,532 mg/kg (rat)

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

## 112-07-2 2-butoxyethyl acetate

Oral LD50 2,400 mg/kg (rat) Dermal LD50 1,580 mg/kg (rabbit) Inhalative LC50/4 h 11 mg/l (ATE)

## 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)

## 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)

## 123-42-2 4-hydroxy-4-methylpentan-2-one

Oral LD50 4,000 mg/kg (rat)

Dermal LD50 13,630 mg/kg (rab)

## Primary irritant effect:

• Skin corrosion/irritation No irritant effect.

• Serious eye damage/irritation No irritating effect.

• **Respiratory or skin sensitisation** No sensitising effects known.

## • Additional toxicological information: Harmful

## 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 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.

## · 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).

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• 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 UN1263 · UN proper shipping name ADG UN1263 PAINT IMDG, IATA PAINT • Transport hazard class(es) ADG · Class 3 (F1) Flammable liquids. Label 3 IMDG, IATA · Class 3 Flammable liquids. Label 3

 Packing group ADG, IMDG, IATA • Environmental hazards: Marine pollutant: No · Special precautions for user Warning: Flammable liquids. · Hazard identification number (Kemler code): 30 • EMS Number: F-E,S-E Stowage Category А Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable. Transport/Additional information: ADG · Limited quantities (LQ) 51

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• Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
Tunnel restriction code	D/E
IMDG	
· Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1263 PAINT, 3, III

## 15 Regulatory information

•3Y

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

None of the ingredients is listed.

## Australian Inventory of Industrial Chemicals

All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

## 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



### · Signal word Warning

## Hazard-determining components of labelling:

2-butoxyethyl acetate Solvent naphtha (petroleum), light arom.

## Hazard statements

H226 Flammable liquid and vapour. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness.

### Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P405	Store locked up.
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 P5c FLAMMABLE LIQUIDS

- · Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

• 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**

H226 Flammable liquid and vapour.
H227 Combustible liquid.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

## Department Issuing SDS: Department of Quality Cor

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:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO) ADR: Accord relatif au transport international 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 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. Liq. 3: Flammable liquids – Category 3 Flam. Liq. 4: Flammable liquids – Category 4 Acute Tox. 4: Acute toxicity – Category 4 Eye Irritation 2A: Serious eye damage/eye irritation - Category 2A STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Asp. Tox. 1: Aspiration hazard – Category 1

### \* Data compared to the previous version altered.

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## Annex: Exposure scenario 1

## Short title of the exposure scenario

- Sector of Use SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Process category** PROC7 Industrial spraying
- · Article category AC1 Vehicles
- Environmental release category ERC3 Formulation into solid matrix

## 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 Fluid

- 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 Use only on hard ground.

## Other operational conditions affecting worker exposure

Avoid contact with eyes.

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.

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

Use product only in enclosed systems. Ensure that suitable extractors are available on processing machines Provide explosion-proof electrical equipment.

### **Personal protective measures**

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes.

Tightly sealed goggles

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

## 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. Do not allow to reach sewage system.

#### Soil

Prevent contamination of soil.

The product is only processed over the concrete collecting basin.

## Disposal measures

Disposal must be made according to official regulations.

Ensure that waste is collected and contained.

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

· Waste type Partially emptied and uncleaned packaging

## Exposure estimation

• **Consumer** This product is to be used by professional technitians only.

### <sup>•</sup> 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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## Annex: Exposure scenario 2

## Description of the activities / processes covered in the Exposure Scenario

See section 1 of the annex to the Safety Data Sheet.

Conditions of use According to directions for use.

**Duration and frequency** Frequency of use:

## <sup>•</sup> Physical parameters

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

## · Physical state Fluid

<sup>•</sup> Concentration of the substance in the mixture Raw material.

## • Other operational conditions

· Other operational conditions affecting environmental exposure No special measures required.

## Other operational conditions affecting worker exposure

Avoid contact with the skin.

Do not breathe gas/vapour/aerosol.

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.

## <sup>·</sup> 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

No special measures required.

Provide explosion-proof electrical equipment.

## Personal protective measures

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

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

## Measures for consumer protection

Ensure adequate labelling.

Observe consumer information and advice on safe use.

## Environmental protection measures

• Water Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

• **Soil** The product is only processed over the concrete collecting basin.

• Disposal measures Ensure that waste is collected and contained.

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

· Waste type Partially emptied and uncleaned packaging

### Exposure estimation

## Consumer

This product is to be used by professional technitians only. Not relevant for this Exposure Scenario.

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## <sup>·</sup> 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.

AU