

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

· Product identifier

· **Trade name:** **BODY 640 CAVITY WAX PROTECTION**

· **Article number:** 470

· **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

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

· **Product category** PC9b Fillers, putties, plasters, modelling clay

· **Process category** PROC7 Industrial spraying

· **Environmental release category** ERC5 Use at industrial site leading to inclusion into/onto article

· **Article category** AC2 Machinery, mechanical appliances, electrical/electronic articles

· **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

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

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Ph: +30 2310 790 000

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email: hbbody@hbbody.com

· **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.

Trade name: BODY 640 CAVITY WAX PROTECTION

health hazard

Repr. 1A H360 May damage fertility or the unborn child.

STOT RE 1 H372 Causes damage to the central nervous system through prolonged or repeated exposure.

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

GHS02



GHS08

Signal word Danger**Hazard-determining components of labelling:**Low boiling point hydrogen treated naphtha
Sulfonic acids, C10-18-alkane, sodium salts
toluene**Hazard statements**

H226 Flammable liquid and vapour.

H360 May damage fertility or the unborn child.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P405 Store locked up.

P501 Dispose 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: 64742-82-1	Low boiling point hydrogen treated naphtha	30-<35%
EINECS: 265-185-4	Flam. Liq. 3, H226	
Index number: 649-330-00-2	STOT RE 1, H372; Asp. Tox. 1, H304	
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	20-<25%
EINECS: 265-151-9	Flam. Liq. 2, H225	
Index number: 649-328-00-1	Asp. Tox. 1, H304	
CAS: 8052-42-4	Asphalt	10-<15%
EINECS: 232-490-9		
RTECS: CI 9900000		

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Trade name: BODY 640 CAVITY WAX PROTECTION

CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	5-<10%
EINECS: 232-315-6		
RTECS: RV 0350000		
CAS: 108-88-3	toluene	2.5-<5%
EINECS: 203-625-9	 Flam. Liq. 2, H225	
Index number: 601-021-00-3	 Repr. 1A, H360; STOT RE 2, H373; Asp. Tox. 1, H304	
RTECS: XS 5250000	 Skin Irrit. 2, H315	
CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	<2.5%
EINECS: 265-150-3	Flam. Liq. 4, H227	
CAS: 68037-49-0	Sulfonic acids, C10-18-alkane, sodium salts	<2.5%
EINECS: 268-213-3	 Acute Tox. 3, H301	
EINECS: 265-185-4	Low boiling point hydrogen treated naphtha	≥0.25-<2.5%
Index number: 649-330-00-2	 Flam. Liq. 3, H226	
	 Asp. Tox. 1, H304	
	 STOT SE 3, H336	

· **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; consult doctor in case of complaints.

· **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.

· **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** During heating or in case of fire poisonous gases are produced.

· **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.

6 Accidental Release Measures· **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

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:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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Trade name: BODY 640 CAVITY WAX PROTECTION

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.

Open and handle receptacle with care.

Prevent formation of aerosols.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

· **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:**

8052-42-4 Asphalt

WES Long-term value: 5 mg/m³
fumes

8002-74-2 Paraffin waxes and Hydrocarbon waxes

WES Long-term value: 2 mg/m³

108-88-3 toluene

WES Short-term value: 574 mg/m³, 150 ppm
Long-term value: 191 mg/m³, 50 ppm
Sk

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

· **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.

Store protective clothing separately.

Trade name: BODY 640 CAVITY WAX PROTECTION**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 through 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:	Liquid
Colour:	Brown
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	36 °C

Flash point:	23 - 60 °C
Flammability (solid, gas):	Not applicable.
Autoignition temperature:	296 °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.

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Trade name: BODY 640 CAVITY WAX PROTECTION

- **Explosion limits:**
 - Lower:** Not determined.
 - Upper:** Not determined.
- **Vapour pressure at 20 °C:** 370 hPa
- **Density at 20 °C:** 0.822 g/cm³
- **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/water:** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - Organic solvents:** 26.1 %
 - VOC (EC)** 470.9 g/l
 - Solids content (volume):** 22.4 %
- **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	4,793 mg/kg
Dermal	LD50	>139,860 mg/kg (rab)

108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50 (static)	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/l (mouse)

64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral	LD50	>5,000 mg/kg (rat)
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Trade name: BODY 640 CAVITY WAX PROTECTION

Dermal LD50 >3,000 mg/kg (rab)

68037-49-0 Sulfonic acids, C10-18-alkane, sodium salts

Oral LD50 100 mg/kg (ATE)

- **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:**

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:

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Repr. 1A

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

· **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**

UN1263

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Trade name: **BODY 640 CAVITY WAX PROTECTION**

· <u>UN proper shipping name</u>	
· ADG	UN1263 PAINT
· IMDG	PAINT (TURPENTINE SUBSTITUTE, Naphtha (petroleum), hydrotreated light), MARINE POLLUTANT
· IATA	PAINT
· <u>Transport hazard class(es)</u>	
· ADG	
	
· Class	3 (F1) Flammable liquids.
· Label	3
· IMDG	
 	
· Class	3 Flammable liquids.
· Label	3
· IATA	
	
· Class	3 Flammable liquids.
· Label	3
· <u>Packing group</u>	
· ADG, IMDG, IATA	III
· <u>Environmental hazards:</u>	Product contains environmentally hazardous substances: Low boiling point hydrogen treated naphtha
· Marine pollutant:	No Symbol (fish and tree) Warning: Flammable liquids.
· <u>Special precautions for user</u>	
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E,S-E
· Stowage Category	A
· <u>Transport in bulk according to Annex II of Marpol and the IBC Code</u>	Not applicable.
· <u>Transport/Additional information:</u>	
· ADG	
· 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
· Transport category	3

Trade name: **BODY 640 CAVITY WAX PROTECTION**

· 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**

64742-82-1 Low boiling point hydrogen treated naphtha

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

8052-42-4 Asphalt

90669-48-0 ester of oxidised wax

8002-74-2 Paraffin waxes and Hydrocarbon waxes

108-88-3 toluene

64742-48-9 Naphtha (petroleum), hydrotreated heavy

68037-49-0 Sulfonic acids, C10-18-alkane, sodium salts

· **Standard for the Uniform Scheduling of Medicines and Poisons**

108-88-3 toluene: 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



GHS08

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Low boiling point hydrogen treated naphtha

Sulfonic acids, C10-18-alkane, sodium salts

toluene

· **Hazard statements**

H226 Flammable liquid and vapour.

H360 May damage fertility or the unborn child.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P405 Store locked up.

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Trade name: BODY 640 CAVITY WAX PROTECTION

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**

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H227 Combustible liquid.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H360 May damage fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.

- **Contact:**

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- **Abbreviations and acronyms:**

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. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Flam. Liq. 4: Flammable liquids – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Repr. 1A: Reproductive toxicity – Category 1A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1

- *** Data compared to the previous version altered.**

Trade name: BODY 640 CAVITY WAX PROTECTION**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

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

· Product category PC9b Fillers, putties, plasters, modelling clay**· Process category** PROC7 Industrial spraying**· Article category** AC2 Machinery, mechanical appliances, electrical/electronic articles**· 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.**· 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 the skin.

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.

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

Pregnant women should strictly avoid inhalation or skin contact.

· 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.

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Trade name: BODY 640 CAVITY WAX PROTECTION

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 technicians only.

Not relevant for this Exposure Scenario.

· **Guidance for downstream users**

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.