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1 Identification

· 1.1 Product identifier

· Trade name: **BODY 640 CAVITY WAX**

· Article number: 470

· Application of the substance / the mixture Surface protection

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:
H.B. 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
email: hbbody@hbbody.com

· Information department:
HB BODY S.A.
B' ENTRANCE BLOCK 50 DA9 & MB6 Str
THESSALONIKI INDUSTRIAL AREA
57.022, SINDOS
THESSALONIKI,GREECE
Ph: +30 2310 790 000
Fax: +30 2310 790 033
www.hbbody.com
email: hbbody@hbbody.com

· 1.4 Emergency telephone number: CHEMTRECK : 800-494-9300

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2 Hazard(s) identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

GHS02 Flame

Flammable Liquids 3	H226 Flammable liquid and vapor.

GHS08 Health hazard

Carcinogenicity 2	H351 Suspected of causing cancer.
Toxic to Reproduction 2	H361 Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity - Repeated Exposure 1	H372 Causes damage to the central nervous system through prolonged or repeated exposure.

GHS07

Skin Irritation 2	H315 Causes skin irritation.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

(Contd. on page 2)

Trade name: BODY 640 CAVITY WAX

(Contd. of page 1)

· **2.2 Label elements**
· Labelling according to Regulation (EC) No 1272/2008
The product is classified and labeled according to the CLP regulation.
· Hazard pictograms

GHS02 GHS07 GHS08

· Signal word Danger
· Hazard-determining components of labeling:
Asphalt
Low boiling point hydrogen treated naphtha
toluene
· Hazard statements
H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to the central nervous system through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
· Precautionary statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	Specific treatment (see on this label).
P314	Get medical advice/attention if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P370+P378	In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· Classification system:
· NFPA ratings (scale 0 - 4)

Health = 1
Fire = 2
Reactivity = 0

(Contd. on page 3)

Trade name: BODY 640 CAVITY WAX

(Contd. of page 2)

· HMIS-ratings (scale 0 - 4)

HEALTH 1	Health = 1
FIRE 2	Fire = 2
REACTIVITY 0	Reactivity = 0

· **2.3 Other hazards**
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

* **3 Composition/information on ingredients**

· **3.2 Chemical characterization: Mixtures**
· Description: Mixture of the substances listed below with nonhazardous additions.
· Dangerous components:

CAS: 64742-82-1 EINECS: 265-185-4 Index number: 649-330-00-2	Low boiling point hydrogen treated naphtha Flammable Liquids 3, H226 Specific Target Organ Toxicity - Repeated Exposure 1, H372; Aspiration Hazard 1, H304	30-<35%
CAS: 64742-49-0 EINECS: 265-151-9 Index number: 649-328-00-1	Naphtha (petroleum), hydrotreated light Flammable Liquids 2, H225 Aspiration Hazard 1, H304 Aquatic Chronic 2, H411 Skin Irritation 2, H315	20-<25%
CAS: 8052-42-4 EINECS: 232-490-9 RTECS: CI 9900000	Asphalt Carcinogenicity 2, H351	10-<15%
CAS: 8002-74-2 EINECS: 232-315-6 RTECS: RV 0350000	Paraffin waxes and Hydrocarbon waxes	5-<10%
CAS: 108-88-3 EINECS: 203-625-9 Index number: 601-021-00-3 RTECS: XS 5250000	toluene Flammable Liquids 2, H225 Toxic to Reproduction 2, H361; Specific Target Organ Toxicity - Repeated Exposure 2, H373; Aspiration Hazard 1, H304 Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H336	1-<5%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy Flammable Liquids 4, H227	1-<5%
CAS: 68037-49-0 EINECS: 268-213-3	Sulfonic acids, C10-18-alkane, sodium salts Acute Toxicity - Oral 3, H301	1-<5%
CAS: 64742-82-1 EINECS: 265-185-4 Index number: 649-330-00-2	Low boiling point hydrogen treated naphtha Flammable Liquids 3, H226 Specific Target Organ Toxicity - Repeated Exposure 1, H372; Aspiration Hazard 1, H304 Aquatic Chronic 2, H411	≥1-<2.5%

* **4 First-aid measures**

· **4.1 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.

(Contd. on page 4)

(Contd. of page 3)

· After eye contact: Rinse opened eye for several minutes under running water.
· After swallowing: If symptoms persist consult doctor.
· **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

* **5 Fire-fighting measures**

· **5.1 Extinguishing media**
· Suitable extinguishing agents:
CO_2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
· **5.3 Advice for firefighters**
Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products
· Protective equipment: Mouth respiratory protective device.
· Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

* **6 Accidental release measures**

· **6.1 Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
· **6.2 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.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **6.3 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 section 13.
Ensure adequate ventilation.
· **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
· Protective Action Criteria for Chemicals
· PAC-1:
64742-49-0 Naphtha (petroleum), hydrotreated light: 1,000 mg/m³
8052-42-4 Asphalt: 30 mg/m³
108-88-3 toluene: 67 ppm
64742-48-9 Naphtha (petroleum), hydrotreated heavy: 350 mg/m³
· PAC-2:
64742-49-0 Naphtha (petroleum), hydrotreated light: 11,000 mg/m³
8052-42-4 Asphalt: 330 mg/m³
108-88-3 toluene: 560 ppm
64742-48-9 Naphtha (petroleum), hydrotreated heavy: 1,800 mg/m³
· PAC-3:
64742-49-0 Naphtha (petroleum), hydrotreated light: 66,000 mg/m³

(Contd. on page 5)

(Contd. of page 4)

8052-42-4 Asphalt: 2,000 mg/m³
108-88-3 toluene: 3700* ppm
64742-48-9 Naphtha (petroleum), hydrotreated heavy: 40,000 mg/m³

7 Handling and storage

· **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
· Information about protection against explosions and fires:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.

· **7.2 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 receptacle tightly sealed.
· **7.3 Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

· **8.1 Control parameters**
· Components with limit values that require monitoring at the workplace:
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

8052-42-4 Asphalt

REL Ceiling limit value: 5* mg/m³
*15-min; See Pocket Guide App. A

TLV Long-term value: 0.5* mg/m³
*inh. fraction;as benzene-soluble aerosol;A4

8002-74-2 Paraffin waxes and Hydrocarbon waxes

REL Long-term value: 2 mg/m³

TLV Long-term value: 2 mg/m³

108-88-3 toluene

PEL Long-term value: 200 ppm
Ceiling limit value: 300; 500* ppm
*10-min peak per 8-hr shift

REL Short-term value: 560 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm

TLV Long-term value: 20 ppm
BEI, OTO, A4

· Regulatory information
REL: Guide to Occupational Exposure Values (NIOSH RELs)
TLV: Guide to Occupational Exposure Values (TLV)
PEL: Guide to Occupational Exposure Values (OSHA PELs)

(Contd. on page 6)

(Contd. of page 5)

· Ingredients with biological limit values:

8052-42-4 Asphalt

BEI -
Medium: urine
Time: end of shift at end of workweek
Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)

108-88-3 toluene

BEI 0.02 mg/L
Medium: blood
Time: prior to last shift of workweek
Parameter: Toluene

0.03 mg/L
Medium: urine
Time: end of shift
Parameter: Toluene

0.3 mg/g creatinine
Medium: urine
Time: end of shift
Parameter: o-Cresol with hydrolysis (background)

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

· 8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the skin.
Avoid contact with the eyes and skin.

· Breathing equipment:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· 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

(Contd. on page 7)

(Contd. of page 6)

· Eye protection:

Tightly sealed goggles

· Body protection: Protective work clothing

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9 Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Liquid
Color:	Brown
· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Mixture is non-soluble (in water).
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	36 °C (96.8 °F)
· Flash point:	23 - 60 °C (73.4 - 140 °F)
· Flammability (solid, gaseous):	Flammable.
· Auto igniting:	296 °C (564.8 °F)
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Risk of explosion by shock, friction, fire or other sources of ignition.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 20 °C (68 °F):	370 hPa (277.5 mm Hg)
· Density at 20 °C (68 °F):	0.822 g/cm³ (6.85959 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	26.1 %
VOC content:	57.29 % 470.9 g/l / 3.93 lb/gal
Solids content:	9.3 %

(Contd. on page 8)

(Contd. of page 7)

· **9.2 Other information** No further relevant information available.

10 Stability and reactivity

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

*

11 Toxicological information

· **11.1 Information on toxicological effects**
· Acute toxicity: Based on available data, the classification criteria are not met.
· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Oral	LD50	4,971 mg/kg

108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	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)
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:
· on the skin:
Causes skin irritation.
· on the eye: Based on available data, the classification criteria are not met.
· Sensitization: Based on available data, the classification criteria are not met.
· Additional toxicological information:
· Carcinogenic categories
· IARC (International Agency for Research on Cancer)
8052-42-4 Asphalt: 2B
108-88-3 toluene: 3
· NTP (National Toxicology Program)
None of the ingredients is listed.
· OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.
· Germ cell mutagenicity Based on available data, the classification criteria are not met.
· Carcinogenicity
Suspected of causing cancer.
· Reproductive toxicity
Suspected of damaging fertility or the unborn child.
· Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.

(Contd. on page 9)

(Contd. of page 8)

· Specific target organ toxicity - repeated exposure
Causes damage to the central nervous system through prolonged or repeated exposure.
· Aspiration hazard Based on available data, the classification criteria are not met.

* **12 Ecological information**

· **12.1 Toxicity**
· Aquatic toxicity: No further relevant information available.
· **12.2 Persistence and degradability** No further relevant information available.
· **12.3 Bioaccumulative potential** No further relevant information available.
· **12.4 Mobility in soil** No further relevant information available.
· Ecotoxical effects:
· Remark: Harmful to fish
· Additional ecological information:
· General notes:
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Harmful to aquatic organisms
· **12.5 Results of PBT and vPvB assessment**
· PBT: This product contains no substance that is considered to be persistent,bioaccumulating or non toxic(PBT).
· vPvB: This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).
· **12.6 Other adverse effects** No further relevant information available.

* **13 Disposal considerations**

· **13.1 Waste treatment methods**
· Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
· Uncleaned packagings:
· Recommendation: Disposal must be made according to official regulations.
· Recommended cleansing agent: Water, if necessary with cleansing agents.

* **14 Transport information**

· **14.1 UN-Number**
· DOT, ADR, IMDG, IATA UN1263
· **14.2 UN proper shipping name**
· DOT Paint
· ADR UN1263 PAINT
· IMDG, IATA PAINT
· **14.3 Transport hazard class(es)**
· DOT

· Class 3 Flammable liquids

(Contd. on page 10)

(Contd. of page 9)

· Label 3
· ADR

· Class 3 (F1) Flammable liquids
· Label 3
· IMDG, IATA

· Class 3 Flammable liquids
· Label 3
· **14.4 Packing group**
· DOT, ADR, IMDG, IATA III
· **14.5 Environmental hazards:**
· Marine pollutant: No
· **14.6 Special precautions for user** Warning: Flammable liquids
· Hazard identification number (Kemler code): 30
· EMS Number: F-E,S-E
· Stowage Category A
· **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
· Transport/Additional information:
· ADR
· Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
· 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
· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
None of the ingredients is listed.
· Sara
· Section 355 (extremely hazardous substances):
None of the ingredient is listed.
· Section 313 (Specific toxic chemical listings):
108-88-3 toluene

(Contd. on page 11)

Trade name: BODY 640 CAVITY WAX

(Contd. of page 10)

· TSCA (Toxic Substances Control Act):
64742-82-1 Low boiling point hydrogen treated naphtha: ACTIVE
64742-49-0 Naphtha (petroleum), hydrotreated light: ACTIVE
8052-42-4 Asphalt: ACTIVE
8002-74-2 Paraffin waxes and Hydrocarbon waxes: ACTIVE
108-88-3 toluene: ACTIVE
64742-48-9 Naphtha (petroleum), hydrotreated heavy: ACTIVE
68037-49-0 Sulfonic acids, C10-18-alkane, sodium salts: ACTIVE
64742-82-1 Low boiling point hydrogen treated naphtha: ACTIVE
· Hazardous Air Pollutants
108-88-3 toluene
· Proposition 65
· Chemicals known to cause cancer:
None of the ingredients is listed.
· Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.
· Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.
· Chemicals known to cause developmental toxicity:
108-88-3 toluene
· Cancerogenity categories
· EPA (Environmental Protection Agency)
108-88-3 toluene: II
· TLV (Threshold Limit Value)
8052-42-4 Asphalt: A4
108-88-3 toluene: A4
· NIOSH-Ca (National Institute for Occupational Safety and Health)
8052-42-4 Asphalt
· Labelling according to Regulation (EC) No 1272/2008
The product is classified and labeled according to the CLP regulation.
· Hazard pictograms

GHS02 GHS07 GHS08

· Signal word Danger
· Hazard-determining components of labeling:
Asphalt
Low boiling point hydrogen treated naphtha
toluene
· Hazard statements
H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to the central nervous system through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

(Contd. on page 12)

(Contd. of page 11)

· Precautionary statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	Specific treatment (see on this label).
P314	Get medical advice/attention if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P370+P378	In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

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

16 Other information

This information is based on our present 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 vapor.
H226 Flammable liquid and vapor.
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.
H351 Suspected of causing cancer.
H361 Suspected of damaging 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.
H411 Toxic to aquatic life with long lasting effects.

· Contact:
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· Date of preparation / last revision 03/17/2023

· * Data compared to the previous version altered.