Printing date: 16.03.2023
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Version no. 35

Safety Data Sheet
in accordance with HSNO

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

· **Product identifier**
This Safety Data Sheet has been prepared in accordance with the New Zealand Hazardous Substances and New Organisms Act 1996 (HSNO) and as amended.

· Trade name: **U900 CAVITY WAX**

· Article number: 150
· 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 PC9a Coatings and paints, thinners, paint removers
· Process category PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
· Environmental release category ERC2 Formulation into mixture
· Article category AC1 Vehicles
· Application of the substance / the mixture
Bitumen coating
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
THESSALONIKI INDUSTRIAL AREA
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THESSALONIKI,GREECE
Ph: +30 2310 790 000
Fax: +30 2310 790 033
www.hbbody.com
email: hbbody@hbbody.com
· Emergency telephone number: 24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

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2 Hazards identification

· **Classification of the substance or mixture**


flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

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Trade name: U900 CAVITY WAX


health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.
STOT RE 1 H372 Causes damage to the central nervous system through prolonged or repeated exposure.

Skin Irrit. 2 H315 Causes skin irritation.

Aquatic Chronic 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
6.9A (Repeated exposure)-Substances that are toxic to human target organs or systems
6.8B Substances that are suspected human reproductive or developmental toxicants

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


GHS02 GHS07 GHS08

· Signal word Danger
· Hazard-determining components of labelling:
Low boiling point hydrogen treated naphtha
toluene
· Hazard statements
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
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
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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): 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.
· **Other hazards**
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

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3 Composition/Information on ingredients

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

Continue on page 3

· Dangerous components:

CAS: 64742-82-1 EINECS: 265-185-4 Index number: 649-330-00-2	Low boiling point hydrogen treated naphtha Flam. Liq. 3, H226 STOT RE 1, H372; Asp. Tox. 1, H304	40-<45%
CAS: 64742-49-0 EINECS: 265-151-9 Index number: 649-328-00-1	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315	10-<15%
CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4	Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H332; STOT SE 3, H335	10-<15%
CAS: 8052-42-4 EINECS: 232-490-9 RTECS: CI 9900000	Asphalt	1-<5%
CAS: 108-88-3 EINECS: 203-625-9 Index number: 601-021-00-3 RTECS: XS 5250000	toluene Flam. Liq. 2, H225 Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336	0-<0.9%

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

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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 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.

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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**
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.
HAZ CHEM CODE: 3YE

Continue on page 4

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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 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.
· **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.
· **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.

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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: Store in a cool location.
· Information about storage in one common storage facility: Not required.
· Further information about storage conditions:
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
· **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

· **Control parameters**
· Ingredients with limit values that require monitoring at the workplace:

8052-42-4 Asphalt

WES (New Zealand)	Long-term value: 5 mg/m³ fumes

108-88-3 toluene

WES (New Zealand)	Short-term value: 377 mg/m³, 100 ppm Long-term value: 75 mg/m³, 20 ppm skin, oto, bio
IOELV (EU)	Short-term value: 384 mg/m³, 100 ppm Long-term value: 192 mg/m³, 50 ppm Skin

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· 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.

· **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.
· 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

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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:	Mixture is non-soluble (in water).

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· Change in condition	
· Melting point/freezing point:	Undetermined.
· Initial boiling point and boiling range:	36 °C
· Flash point:	< 0 °C
· Flammability (solid, gas):	Highly flammable.
· Autoignition temperature:	296 °C
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Risk of explosion by shock, friction, fire or other sources of ignition.
· Explosion limits:	
· Lower:	0.7 Vol %
· Upper:	7.5 Vol %
· Vapour pressure at 20 °C:	370 hPa
· Density at 20 °C:	0.873 g/cm³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· water:	Fully miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· Dynamic at 20 °C:	66-69 mPas
· Kinematic:	Not determined.
· Solvent content:	
· Organic solvents:	23.2 %
· VOC (EC)	564.6 g/l
· Solids content (volume):	19.9 %
· **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.

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11 Toxicological information

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

ATE (Acute Toxicity Estimates)
Inhalative LC50/4 h >89.2 mg/l (rat)

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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)

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)

· Primary irritant effect:
· Skin corrosion/irritation Irritant to skin and mucous membranes.
· Serious eye damage/irritation No 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
· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
Repr. 2

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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 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.
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.

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* **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.
· Recommended cleansing agents: Water, if necessary together with cleansing agents.

* **14 Transport information**

· **UN-Number**
· NZS, IMDG, IATA — UN1263
· **UN proper shipping name**
· NZS — UN1263 PAINT, special provision 640D
· IMDG, IATA — PAINT
· **Transport hazard class(es)**
· NZS

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

· Class — 3 Flammable liquids.
· Label — 3
· **Packing group**
· NZS, IMDG, IATA — II
· **Environmental hazards:**
· Marine pollutant: — No
· **Special precautions for user** — Warning: Flammable liquids.
· Hazard identification number (Kemler code): — 33
· EMS Number: — F-E,S-E
· Stowage Category — B
· **Transport in bulk according to Annex II of Marpol and the IBC Code** — Not applicable.
· **Transport/Additional information:**
· NZS
· Limited quantities (LQ) — 5L
· Excepted quantities (EQ) — Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml
· Transport category — 2

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Trade name: U900 CAVITY WAX

· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· IATA	
· Remarks:	HAZ CHEM CODE: 3YE
· **UN "Model Regulation":**	UN 1263 PAINT, 3, II

* **15 Regulatory information**

•3YE

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

HSNO Controls

Approved handler test certificate	Class 3, required when present in quantities greater thatn 250L (when in containers greater thatn 5L) or 500L (when in containers up to and including 5L)
Location and transit Depot	100L (closed containers greater than 5L) 250l (closed containers up to and including 5L) 50L (open containers).
Hazardous Atmosphere Zone	100L (closed containers 25L (decanting) 5L (open occasionally) 1L (open containers in continuous use)
Fire extingushers	Two required for 250 L
Emergency response plan	100L (for HSNO 9.1A substance or 1,000L (for all other substances)
Secondary containment	100L (for HSNO 9.1A substance or 1,000L (for all other substances)
Tracking	Not Required
Warning signage	100L (for HSNO 9.1A substance or 250L (for all other substances)

None of the ingredients is listed.

· New Zealand Inventory of Chemicals

64742-82-1 Low boiling point hydrogen treated naphtha
63231-60-7 Paraffin waxes and Hydrocarbon waxes,microcryst.
64742-49-0 Naphtha (petroleum), hydrotreated light
64742-95-6 Solvent naphtha (petroleum), light arom.
9003-29-6 Polybutane (isobutane/copolymer isobutane)
8052-42-4 Asphalt
108-88-3 toluene
1330-20-7 xylene
98-54-4 4-tert-butylphenol
50-00-0 formaldehyde

· HSNO Approval numbers

HSNO Approval number	HSR 002662
Group standard name	Surface Coatings and Colourandts (Flammable) Group Standard 2006
HSNO Hazard classification	Refer to section 2

108-88-3 toluene: HSR001227

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

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· Hazard pictograms

GHS02 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labelling:
Low boiling point hydrogen treated naphtha
toluene

· Hazard statements
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
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

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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): 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.

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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.

· Reasons for alterations
· Relevant phrases
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
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.

· **Department issuing SDS:** Department of Quality Control
· **Contact:**
HB BODY S.A
Ms Olympia Stamkou
Ph: +30 2310 790 032
fax: +30 2310 790 033

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Version no. 35

Trade name: U900 CAVITY WAX

email: stamkou@hbbody.com
· * Data compared to the previous version altered.

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Annex: Exposure scenario

· **Short title of the exposure scenario**
· Sector of Use
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 PC9a Coatings and paints, thinners, paint removers
· Process category PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
· Article category AC1 Vehicles
· Environmental release category ERC2 Formulation into mixture
· **Description of the activities / processes covered in the Exposure Scenario**
See section 1 of the annex to the Safety Data Sheet.
· **Conditions of use** According to directions for use.
· Duration and frequency Frequency of use:
· **Physical parameters**
The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.
· Physical state 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
Take precautionary measures against static discharge.
Keep away from sources of ignition - No smoking.
Avoid contact with the skin.
· 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.
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.

Continue on page 13

Trade name: U900 CAVITY WAX

· 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.