Hazardous according to criteria of Australian Safety and Compensation Council.

* 1 Identification

· Product identifier

· **Trade name: BODY 110 SEAL**

· **Article number:** 790

· **Relevant identified uses of the substance or mixture and uses advised against**

· **Sector of Use** SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

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

· **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**
Sealer
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:**
Sydney Automotive Paints & Equipment PTY LTD
Unit A3, 366 Edgar St. Condell Park NSW 2200
AUSTRALIA, Tel. +02 9772 9000 , +02 9772 9001

· **Emergency telephone number:**
If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zeland 0800 764 766.

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* 2 Hazard(s) Identification

· Classification of the substance or mixture

health hazard

Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

· Label elements

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

· **Hazard pictograms**

GHS08

· **Signal word** Warning

· **Hazard-determining components of labelling:**
2-butoxyethyl acetate
titanium dioxide

· **Hazard statements**
H351 Suspected of causing cancer. Route of exposure: Inhalation.

· **Precautionary statements**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
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: 471-34-1 EINECS: 207-439-9 RTECS: EV 9580000	calcium carbonate	25-<30%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2	titanium dioxide Carc. 2, H351	1-<5%
CAS: 112-07-2 EINECS: 203-933-3 Index number: 607-038-00-2 RTECS: KJ 8925000	2-butoxyethyl acetate Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332 Flam. Liq. 4, H227	1-<5%

Continue on page 3

· **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:**
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:** Generally the product does not irritate the skin.
· **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:** Use fire extinguishing methods suitable to surrounding conditions.
· Special hazards arising from the substance or mixture No further relevant information available.
· Advice for firefighters
Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products
· **Speial protective equipment and fire fighting procedures:** No special measures required.
· Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

* 6 Accidental Release Measures

· Personal precautions, protective equipment and emergency procedures Not required.
· Environmental precautions:
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 item 13.
· Reference to other sections
No dangerous substances are released.
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** Open and handle receptacle with care.
· **Information about fire - and explosion protection:** 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.

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· **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:**

471-34-1 calcium carbonate
WES Long-term value: 10 mg/m³

112-07-2 2-butoxyethyl acetate
WES Short-term value: 333 mg/m³, 50 ppm
Long-term value: 133 mg/m³, 20 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.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
· **Respiratory protection:** Not required.
· **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:** Goggles recommended during refilling
· **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

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· **Odour:**	Characteristic
· **Odour threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	100 °C
· **Flash point:**	Not applicable.
· **Flammability (solid, gas):**	Not applicable.
· **Autoignition temperature:**	110 °C
· **Decomposition temperature:**	Not determined.
· **Auto-ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard. Risk of explosion by shock, friction, fire or other sources of ignition.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapour pressure:**	Not determined.
· **Density at 20 °C:**	1.1335 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:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	1.8 %
Water:	28.3 %
VOC (EC)	29.5 g/l
Solids content (volume):	92.5 %
· 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.

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· 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	172,662 mg/kg (rat)
Dermal	LD50	113,669 mg/kg (rabbit)
Inhalative	LC50/4 h	>291 mg/l

471-34-1 calcium carbonate

Oral	LD50	6,450 mg/kg (rat)

13463-67-7 titanium dioxide

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 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)

· **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 (carcinogenity, mutagenicity and toxicity for reproduction)**

Carc. 2

* 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.

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

14 Transport information
· UN-Number
· **ADG, ADN, IMDG, IATA** Void
· UN proper shipping name
· **ADG, ADN, IMDG, IATA** Void
· Transport hazard class(es)
· **ADG, ADN, IMDG, IATA**
· **Class** Void
· Packing group
· **ADG, IMDG, IATA** Void
· Environmental hazards:
· **Marine pollutant:** No
· Special precautions for user Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.
· UN "Model Regulation": Void

* 15 Regulatory information
· Safety, health and environmental regulations/legislation specific for the substance or mixture
None of the ingredients is listed.
· **Australian Inventory of Industrial Chemicals**
7732-18-5 water, distilled, conductivity or of similar purity
9003-55-8 resin
471-34-1 calcium carbonate
14807-96-6 Talc (Mg3H2(SiO3)4)
13463-67-7 titanium dioxide
112-07-2 2-butoxyethyl acetate
63231-60-7 Paraffin waxes and Hydrocarbon waxes,microcryst.
1317-61-9 triiron tetraoxide
124-68-5 2-amino-2-methylpropanol
5395-50-6 INGRIDIENT

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7631-99-4 Sodium nitrate
1336-21-6 ammonia

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

1336-21-6 ammonia: S5, 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**

GHS08

· **Signal word** Warning

· **Hazard-determining components of labelling:**
2-butoxyethyl acetate
titanium dioxide

· **Hazard statements**
H351 Suspected of causing cancer. Route of exposure: Inhalation.

· **Precautionary statements**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P308+P313 IF exposed or concerned: Get medical advice/attention.
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.

· 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**
H227 Combustible liquid.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H351 Suspected of causing cancer.

· 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
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)

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ICAO: International Civil Aviation Organisation
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. 4: Flammable liquids – Category 4
Acute Tox. 4: Acute toxicity – Category 4
Carc. 2: Carcinogenicity – Category 2

· *** 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
· **Product category** PC9b Fillers, putties, plasters, modelling clay
· **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.
· Other operational conditions
· **Other operational conditions affecting environmental exposure** No special measures required.
· **Other operational conditions affecting consumer exposure** Not 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**
No special measures required.
Ensure that suitable extractors are available on processing machines
· **Personal protective measures**
No special measures required.
Do not inhale gases / fumes / aerosols.
· **Measures for consumer protection**
Observe consumer information and advice on safe use.
Ensure adequate labelling.
· **Environmental protection measures**
· **Air** No special measures required.
· **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**
Dispose of product residues with household waste.
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.
· 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.