

**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.

**Other means of identification**

Trade name: **U100 HYD STONE CHIP**

Article number: W074

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 PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

Environmental release category ERC2 Formulation into mixture

Article category AC1 Vehicles

Application of the substance / the mixture

Coating compound/ Surface coating/ paint

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:

Wyatt Machine Tools (Rupes) NZ Limited

Address: 388 Church Street, Penrose, Auckland

Ph (09) 525 1000; Fax (09) 525 1009

Emergency telephone number: NZ Emergency 0800 992 881 (0800WYATT1)

Emergency telephone number:

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

**2 Hazards identification****Classification of the substance or mixture**

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. Not classified as a Dangerous Good according to NZS 5433:2007 Transport of Dangerous Goods on Land, UN, IMDG and IATA.

HSNO classification: This product is considered to be an article and is exempt from classification



GHS08 health hazard

## Trade name: U100 HYD STONE CHIP

Carcinogenicity – Category 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:  
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

This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT). This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

- PBT: Not applicable.
- vPvB: Not applicable.

## \* 3 Composition/Information on ingredients

### · **Chemical characterisation: Mixtures**

- Description: Mixture of hazardous substances listed below with nonhazardous additions.

#### · Dangerous components:

CAS: 471-34-1	calcium carbonate	25-<30%
EINECS: 207-439-9		
RTECS: EV 9580000		
CAS: 111-76-2	2-butoxyethanol	1-<5%
EINECS: 203-905-0	Acute dermal toxicity Category 3, H311; Acute inhalation toxicity Category 3, H331	
Index number: 603-014-00-0	Acute oral toxicity Category 4, H302; Skin irritation Category 2, H315; Eye irritation Category 2, H319	
RTECS: KJ 8575000	Flammable liquids Category 4, H227	
CAS: 13463-67-7	titanium dioxide	1-<5%
EINECS: 236-675-5	Carcinogenicity – Category 2, H351	
Index number: 022-006-00-2		

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

## \* 4 First aid measures

### · **Description of first aid measures**

- 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.

**Trade name: U100 HYD STONE CHIP**

- 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**  
HAZ CHEM CODE: N/A  
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:** 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.
- **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.
- Further information about storage conditions: Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

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

**471-34-1 calcium carbonate**WES (New Zealand) Long-term value: 10 mg/m<sup>3</sup>**111-76-2 2-butoxyethanol**WES (New Zealand) Long-term value: 121 mg/m<sup>3</sup>, 25 ppm  
skinIOELV (EU) Short-term value: 246 mg/m<sup>3</sup>, 50 ppmLong-term value: 98 mg/m<sup>3</sup>, 20 ppm

Skin

**Trade name: U100 HYD STONE CHIP**

- 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.  
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 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: 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
- Odour: Characteristic
- Odour threshold: Not determined.
- pH-value at 20 °C: 8
- Change in condition
- Melting point/freezing point: Undetermined.
- Initial boiling point and boiling range: 100 °C
- Flash point: Not applicable.
- Flammability: Not applicable.
- Autoignition temperature: 110 °C
- Decomposition temperature: Not determined.
- 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.

Continue on page 5

NZ

**Trade name: U100 HYD STONE CHIP**

· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· <b>Vapour pressure:</b>	
· Density at 20 °C:	1.32 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic at 20 °C:	0 mm <sup>2</sup> /s
· Solvent content:	
· Organic solvents:	1.8 %
· Water:	35.3 %
· VOC (EC)	44.7 g/l
· Solids content (volume):	62.9 %
· <b>Other information</b>	
· Particle characteristics	Not applicable.
· Physical state	Liquid

**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	66,361 mg/kg (ATE)
Dermal	LD50	22,120 mg/kg (rab)
Inhalative	LC50/4 h	166 mg/l

**471-34-1 calcium carbonate**

Oral	LD50	6,450 mg/kg (rat)
------	------	-------------------

**111-76-2 2-butoxyethanol**

Oral	LD50	1,200 mg/kg (ATE)
		1,480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)
Inhalative	LC50/4 h	3 mg/l (ATE)

**Trade name: U100 HYD STONE CHIP****13463-67-7 titanium dioxide**

Oral LD50 &gt;20,000 mg/kg (rat)

Dermal LD50 &gt;10,000 mg/kg (rabbit)

Inhalative LC50/4 h &gt;6.82 mg/l (rat)

- 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)  
Carcinogenicity – Category 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 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 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment**

· PBT: This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).

· vPvB: This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

· **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**

· NZS, ADN, IMDG, IATA Void

· **UN proper shipping name**

· NZS, ADN, IMDG, IATA Void

· **Transport hazard class(es)**

· NZS, ADN, IMDG, IATA

· Class Void

Continue on page 7

NZ

**Trade name: U100 HYD STONE CHIP**

· <b>Packing group</b>	
· NZS, IMDG, IATA	Void
· <b>Environmental hazards:</b>	
· Marine pollutant:	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· IATA	
· Remarks:	HAZ CHEM CODE : N/A
· <b>UN "Model Regulation":</b>	Void

\* **15 Regulatory information**

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

HSNO Controls

Approved handler test certificate containers greater than 5L) or	Class 3, required when present in quantities greater than 250L (when in containers up to and including 5L) or 500L (when in containers up to and including 5L)
Location and transit Depot including 5L) 50L (open containers).	100L (closed containers greater than 5L) 250L (closed containers up to and including 5L)
Hazardous Atmosphere Zone containers in continuous use)	100L (closed containers 25L (decanting) 5L (open occasionally) 1L (open occasionally)
Fire extinguishers	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**

- 7732-18-5 water, distilled, conductivity or of similar purity
- 471-34-1 calcium carbonate
- 9003-55-8 resin
- 14807-96-6 Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)
- 12174-11-7 palygorskite
- 111-76-2 2-butoxyethanol
- 13463-67-7 titanium dioxide
- 7631-99-4 Sodium nitrate
- 5395-50-6 INGREDIENT
- 14808-60-7 Quartz (SiO<sub>2</sub>)
- 1336-21-6 ammonia
- 1309-48-4 magnesium oxide

· **HSNO Approval numbers**

111-76-2 2-butoxyethanol: HSR001154

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

Continue on page 8

**Trade name: U100 HYD STONE CHIP**

- Hazard pictograms



GHS08

- Signal word Warning
- Hazard-determining components of labelling:  
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.
- National regulations:
- Other regulations, limitations and prohibitive regulations  
HSNO Approval number: Not applicable  
Group standard name: Not applicable  
HSNO Hazard classification: Refer to section 2  
NZ Inventory of chemicals (NZIoC): This product is an article as defined by HSNO regulations, and is exempt from NZIoC listing requirements.  
HSNO Controls:  
Approved handler test certificate: Not required  
Location and transit Depot certification test: Not required  
Hazardous atmosphere zone: Not required  
Fire extinguishers: Not required  
Emergency response plan: Not required  
Secondary containment: Not required  
Tracking: Not required  
Warning signage: Not required
- **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.

- Reasons for alterations
- Relevant phrases  
H227 Combustible liquid.  
H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H351 Suspected of causing cancer.
- **Department issuing SDS:** Department of Quality Control
- **Contact:**  
HB BODY S.A  
Regulatory Officer  
Ms Athina Kapourani  
Ph: +30 2310 790000



**Trade name: U100 HYD STONE CHIP**

email: a.kapourani@hbbody.com

· \* Data compared to the previous version altered.

NZ  
Continue on page 10

**Trade name: U100 HYD STONE CHIP****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**

PROC8a Transfer of substance or mixture (charging and discharging) at non-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** 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 technicians only.

**Trade name: U100 HYD STONE CHIP**

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.