

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

· **Other means of identification**

· Trade name: **804 ANTI SILICONE ADDITIVE**

· Article number: W081

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

· Sector of Use

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

· Product category PC9a Coatings and paints, thinners, paint removers

· 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

Surface modifiers

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**



GHS02 flame

Flammable liquids Category 3

H226 Flammable liquid and vapour.



GHS08 health hazard

Reproductive toxicity Category 2

H361 Suspected of damaging fertility or the unborn child.

Aspiration hazard Category 1

H304 May be fatal if swallowed and enters airways.

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Trade name: 804 ANTI SILICONE ADDITIVE

GHS09 environment

Hazardous to the aquatic environment chronic Category 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Acute inhalation toxicity Category 4

H332 Harmful if inhaled.

Specific target organ toxicity - single exposure Category 3 H335 May cause respiratory irritation.

Specific target organ toxicity - single exposure Category 3 H336 May cause drowsiness or dizziness.

Additional information:

3.1B Flammable liquid

3.1C Flammable liquid

6.1E Substances that are acutely toxic – May be harmful, aspiration hazard

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



GHS09

Signal word Danger

Hazard-determining components of labelling:

Solvent naphtha (petroleum), light arom.

octamethylcyclotetrasiloxane

n-butyl ester

Hazard statements

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H361 Suspected of damaging fertility or the unborn child.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic 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.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

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

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:

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

556-67-2 octamethylcyclotetrasiloxane

vPvB:

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

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Trade name: 804 ANTI SILICONE ADDITIVE

556-67-2 octamethylcyclotetrasiloxane

3 Composition/Information on ingredients**Chemical characterisation: Mixtures**

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

Dangerous components:

CAS: 64742-95-6	Solvent naphtha (petroleum), light arom.	60-<70%
EINECS: 265-199-0	 Flammable liquids Category 3, H226	
Index number: 649-356-00-4	 Aspiration hazard Category 1, H304	
	 Hazardous to the aquatic environment chronic Category 2, H411	
	 Acute inhalation toxicity Category 4, H332; Specific target organ toxicity - single exposure Category 3, H335	
	Specific target organ toxicity - single exposure Category 3, H336	
CAS: 123-86-4	n-butyl ester	25-<30%
EINECS: 204-658-1	 Flammable liquids Category 3, H226	
Index number: 607-025-00-1	 Specific target organ toxicity - single exposure Category 3, H336	
RTECS: AF 7350000		
CAS: 541-02-6	2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane PBT; vPvB	≥0-<0.9%
CAS: 556-67-2	octamethylcyclotetrasiloxane	≥0.025-<0.25%
EINECS: 209-136-7	 Flammable liquids Category 3, H226	
Index number: 014-018-00-1	 Reproductive toxicity Category 2, H361	
RTECS: GZ 4397000	 Hazardous to the aquatic environment chronic Category 1, H410 (M=10)	
	PBT; vPvB	

SVHC

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

556-67-2 octamethylcyclotetrasiloxane

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.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

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 No further relevant information available.

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Trade name: 804 ANTI SILICONE ADDITIVE**Advice for firefighters**

Firefighters should always use protective equipment and breathing apparatus when handling fire coming from these products

Special 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

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures**

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.

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.

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/personal protection**Control parameters**

Ingredients with limit values that require monitoring at the workplace:

123-86-4 n-butyl ester

WES (New Zealand) Short-term value: 950 mg/m³, 200 ppm

Long-term value: 713 mg/m³, 150 ppm

IOELV (EU) Short-term value: 723 mg/m³, 150 ppm

Long-term value: 241 mg/m³, 50 ppm

Regulatory information

WES (New Zealand): Workplace Exposure Standards and Biological Exposure Indices

IOELV (EU): (EU) 2019/1831

Trade name: 804 ANTI SILICONE ADDITIVE

· 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.

· 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:

Fluid

· Colour:

According to product specification

· Odour:

Characteristic

· Odour threshold:

Not determined.

· pH-value:

Mixture is non-soluble (in water).

· Change in condition

· Melting point/freezing point:

Undetermined.

· Initial boiling point and boiling range:

124-128 °C

· Flash point:

23 - 60 °C

· Flammability

Flammable.

· Autoignition temperature:

370 °C

· Decomposition temperature:

Not determined.

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Trade name: 804 ANTI SILICONE ADDITIVE

· 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:	10.7 hPa
· Vapour pressure:	
· Density at 20 °C:	0.9887 g/cm ³
· 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 at 20 °C:	10 mPas
· Kinematic at 40 °C:	8-10 mm ² /s
· Solvent content:	
· Organic solvents:	96.0 %
· VOC (EC)	-
	949.2 g/l
· Solids content (volume):	4.0 %
· Other information	
· 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)

Inhalative LC50/4 h >15.2 mg/l (rat)

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)

123-86-4 n-butyl ester

Oral LD50 13,100 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rabbit)

Inhalative LC50/4 h >21 mg/l (rat)

Trade name: 804 ANTI SILICONE ADDITIVE

- 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:
Harmful
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Reproductive toxicity 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.
- **Ecotoxic effects:**
- Remark: Toxic for 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.
Also poisonous for fish and plankton in water bodies.
Toxic for 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).
541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane
556-67-2 octamethylcyclotetrasiloxane
- vPvB:
This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).
541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane
556-67-2 octamethylcyclotetrasiloxane
- **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.

Trade name: 804 ANTI SILICONE ADDITIVE**14 Transport information****· UN-Number**

· NZS, IMDG, IATA

UN1263

· UN proper shipping name

· NZS

UN1263 PAINT RELATED MATERIAL, ENVIRONMENTALLY HAZARDOUS

· IMDG

PAINT RELATED MATERIAL, MARINE POLLUTANT

· IATA

PAINT RELATED MATERIAL

· Transport hazard class(es)

· NZS



· Class

3 (F1) Flammable liquids.

· Label

3

· IMDG



· Class

3 Flammable liquids.

· Label

3

· IATA



· Class

3 Flammable liquids.

· Label

3

· Packing group

· NZS, IMDG, IATA

III

· Environmental hazards:Product contains environmentally hazardous substances:
Solvent naphtha (petroleum), light arom.

· Marine pollutant:

Yes

· Special marking (NZS):

Symbol (fish and tree)

· Special precautions for user

Symbol (fish and tree)

· Hazard identification number (Kemler code):

Warning: Flammable liquids.

· EMS Number:

30

· Stowage Category

F-E, S-E

· Transport in bulk according to Annex II of

A

Marpol and the IBC Code

Not applicable.

· Transport/Additional information:

· NZS

· 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

· Tunnel restriction code

D/E

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Trade name: 804 ANTI SILICONE ADDITIVE

- 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
- IATA
- Remarks: HAZ CHEM CODE: 3YE
- **UN "Model Regulation":** UN 1263 PAINT RELATED MATERIAL, 3, III, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

•3Y

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

None of the ingredients is listed.

· **New Zealand Inventory of Chemicals**

64742-95-6 Solvent naphtha (petroleum), light arom.

123-86-4 n-butyl ester

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclotetrasiloxane

556-67-2 octamethylcyclotetrasiloxane

· **HSNO Approval numbers**

HSNO Approval number HSR 002662

Group standard name Surface Coatings and Colourants (Flammable) Group Standard 2006

HSNO Hazard classification Refer to section 2

123-86-4 n-butyl ester: HSR001091

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

· **Hazard pictograms**



GHS02 GHS07 GHS08 GHS09

· **Signal word** Danger

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

Solvent naphtha (petroleum), light arom.

octamethylcyclotetrasiloxane

n-butyl ester

· **Hazard statements**

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H361 Suspected of damaging fertility or the unborn child.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic 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.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

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.

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Trade name: 804 ANTI SILICONE ADDITIVE

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category
E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- National regulations:
- Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57
541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclotetrasiloxane
556-67-2 octamethylcyclotetrasiloxane
- **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
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
- **Department issuing SDS:** Department of Quality Control
- **Contact:**
HB BODY S.A
Regulatory Officer
Ms Athina Kapourani
Ph: +30 2310 790000
email: a.kapourani@hbbody.com
- * Data compared to the previous version altered.

Trade name: 804 ANTI SILICONE ADDITIVE**Annex: Exposure scenario****Short title of the exposure scenario****Sector of Use**

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

Product category PC9a Coatings and paints, thinners, paint removers**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** Use only on hard ground.**Other operational conditions affecting worker exposure**

Avoid contact with eyes.

Avoid contact with the skin.

Do not breathe gas/vapour/aerosol.

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 exhaust 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.

Avoid contact with the eyes.

Tightly sealed goggles

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.

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.

Trade name: 804 ANTI SILICONE ADDITIVE· **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 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.