

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**Trade name: **BODY 240/241 NITROSOFT 1K NITROFILLER**

Article number: 236

**1.2 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

PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

Environmental release category ERC2 Formulation of preparations

Article category AC1 Vehicles

Application of the substance / the preparation

Filler and surfacer

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 &amp; MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI,GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

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Further information obtainable from:

H.B. BODY S.A

B' ENTRANCE BLOCK 50 DA9 &amp; MB6 Str

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**1.4 Emergency telephone number: +30 2310 790 000****SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R63: Possible risk of harm to the unborn child.



Xi; Irritant

R36: Irritating to eyes.



F; Highly flammable

R11: Highly flammable.

R16-33-67: Explosive when mixed with oxidising substances. Danger of cumulative effects. Vapours may cause drowsiness and dizziness.

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**Trade name: BODY 240/241 NITROSOFT 1K NITROFILLER**

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**Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Classification system:**

The classification is according to the latest editions of the EU-lists adapting Directive 67/548/EEC on the classification, packaging and labelling of dangerous substances and extended by company and literature data.

**2.2 Label elements****Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

**Code letter and hazard designation of product:**

Xn Harmful  
F Highly flammable

**Hazard-determining components of labelling:**

toluene

**Risk phrases:**

- 11 Highly flammable.
- 16 Explosive when mixed with oxidising substances.
- 33 Danger of cumulative effects.
- 36 Irritating to eyes.
- 63 Possible risk of harm to the unborn child.
- 67 Vapours may cause drowsiness and dizziness.

**Safety phrases:**

- 7/9 Keep container tightly closed and in a well-ventilated place.
- 16 Keep away from sources of ignition - No smoking.
- 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
- 25 Avoid contact with eyes.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 29 Do not empty into drains.
- 33 Take precautionary measures against static discharges.
- 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- 43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
- 51 Use only in well-ventilated areas.
- 60 This material and its container must be disposed of as hazardous waste.
- 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**2.3 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.

**SECTION 3: Composition/information on ingredients****3.2 Chemical characterization: Mixtures**

**Description:** Mixture of hazardous substances

**Dangerous components:**

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## Trade name: BODY 240/241 NITROSOFT 1K NITROFILLER

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CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 RTECS: AF 7350000 Reg.nr.: 01-2119485493-29-007 01-2119485493-29-004 01-2119485493-29-003 01-2119485493-29-005 01-2119485493-29	n-butyl acetate R10-66-67 ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	15 - <20%
CAS: 108-88-3 EINECS: 203-625-9 Index number: 601-021-00-3 RTECS: XS 5250000 Reg.nr.: 01-2119471310-51-0000 01-2119471310-51-0003 01-2119471310-51-0005 01-2119471310-51-0002 01-2119471310-51-0027	toluene ☒ Xn R48/20-63-65 ☒ Xi R38 ☒ F R11 R67 Repr. Cat. 3 ⚠ Flam. Liq. 2, H225 ⚠ Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	5 - <10%
CAS: 9004-70-0 Index number: 603-037-01-3	cellulose nitrate, nitrogen content <12.6% ☒ T R39 ☒ Xi R37 ☒ F R11 R16-33 ⚠ Flam. Liq. 1, H224 ⚠ STOT RE 2, H373 ⚠ STOT SE 3, H335	5 - <10%
CAS: 78-83-1 EINECS: 201-148-0 Index number: 603-108-00-1 RTECS: NP 9625000 Reg.nr.: 01-2119475146-36-0001	butanol ☒ Xi R37/38-41 R10-67 ⚠ Flam. Liq. 3, H226 ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; STOT SE 3, H335-H336	2.5 - <5%
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 RTECS: KJ 8575000 Reg.nr.: 01-2119475108-36-0001	2-butoxyethanol ☒ Xn R20/21/22 ☒ Xi R36/38 ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	2.5 - <5%
CAS: 110-19-0 EINECS: 203-745-1 Index number: 607-026-00-7 Reg.nr.: 01-2119488971-22-001	isobutyl acetate ☒ F R11 R66 ⚠ Flam. Liq. 2, H225	2.5 - <5%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 RTECS: ZE 2100000 Reg.nr.: 01-2119488216-32-001 01-2119488216-32-002 01-2119488216-32-003	xylene ☒ Xn R20/21 ☒ Xi R38 R10 ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	< 2.5%
CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 RTECS: EL 6475000 Reg.nr.: 01-2119457290-43-0000	butanone ☒ Xi R36 ☒ F R11 R66-67 ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	< 2.5%
CAS: 117-84-0 EINECS: 204-214-7 RTECS: TI 1925000	dioctyl phthalate ☒ Xn R62-63 ⚠ Repr. 2, H361	< 2.5%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

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## SECTION 4: First aid measures

### 4.1 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. If symptoms persist, consult a doctor. Remove contact lenses in case of eye contamination and irrigate copiously with clean water for at least 15 minutes trying to hold the eye lids open.

**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.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents:

General aqueous film forming foam, Carbon dioxide (CO<sub>2</sub>), dry chemical extinguishing powder or water spray. Do not use water.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

#### Hazardous combustion products

Fire will produce a dense black smoke containing hazardous decomposition by products. Exposure to those may be a hazard to health.

### 5.3 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:

Firefighters should wear full protective flameproof clothing and self contained breathing apparatus for the firefighter if necessary. In the event of any fire try cool down the tanks with water spray. If possible do not allow the water used by firefighters to enter the drains or come in any contact with the water supply lines for the public. Always seek as appropriate.

**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

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.

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 item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

### 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.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**7.2 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:**

As general storage guide: store separately from oxidizing agents and strongly alkaline and strongly acidic materials. Do not store together with explosives, gases, oxidizing solids, products which form flammable gases in contact with water, oxidizing products, infectious products and radioactive products.

**Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****123-86-4 n-butyl acetate**WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppmLong-term value: 724 mg/m<sup>3</sup>, 150 ppm**108-88-3 toluene**WEL Short-term value: 384 mg/m<sup>3</sup>, 100 ppmLong-term value: 191 mg/m<sup>3</sup>, 50 ppm

Sk

**78-83-1 butanol**WEL Short-term value: 231 mg/m<sup>3</sup>, 75 ppmLong-term value: 154 mg/m<sup>3</sup>, 50 ppm**111-76-2 2-butoxyethanol**WEL Short-term value: 246 mg/m<sup>3</sup>, 50 ppmLong-term value: 123 mg/m<sup>3</sup>, 25 ppm

Sk, BMGV

**110-19-0 isobutyl acetate**WEL Short-term value: 903 mg/m<sup>3</sup>, 187 ppmLong-term value: 724 mg/m<sup>3</sup>, 150 ppm**1330-20-7 xylene**WEL Short-term value: 441 mg/m<sup>3</sup>, 100 ppmLong-term value: 220 mg/m<sup>3</sup>, 50 ppm

Sk; BMGV

**78-93-3 butanone**WEL Short-term value: 899 mg/m<sup>3</sup>, 300 ppmLong-term value: 600 mg/m<sup>3</sup>, 200 ppm

Sk, BMGV

**DNELs**

CAS No: Substance End Use

123-86-4 Butyl Acetate Workers

Routes of exposure

Inhalation

Frequency

100mg/kg

Type  
Long TermValue  
Systemic Effect

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**Ingredients with biological limit values:**

111-76-2 2-butoxyethanol	
BMGV	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
1330-20-7 xylene	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
78-93-3 butanone	
BMGV	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

**Additional information:** The lists valid during the making 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.  
Avoid contact with the eyes.  
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 in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**

The breakthrough time of gloves is unknown for this product itself. The glove material that can be used is recommended on the basis of the different substances in the preparation.

**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

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Eye protection:



Tightly sealed goggles

Body protection: Protective work clothing

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

Appearance:

Form:

Pasty

Colour:

According to product specification

Odour:

Characteristic

Odour threshold:

Not determined.

pH-value: Not determined.

#### Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 110 °C

Flash point: ≤ 21 °C

Flammability (solid, gaseous): Not applicable.

Autoignition temperature: 370 °C

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

Danger of explosion: Risk of explosion by shock, friction, fire or other sources of ignition.  
Explosive when mixed with oxidising substances.

#### Explosion limits:

Lower: 1.2 Vol %

Upper: 7.5 Vol %

Vapour pressure at 20 °C: 10.7 hPa

Density at 20 °C: 1.273 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: Not determined.

#### Solvent content:

Organic solvents: 45.6 %

VOC (EC) 385.0 g/l

Solids content (volume): 54.4 %

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**9.2 Other information**

No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity****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.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:**

LD/LC50 values relevant for classification:		
471-34-1 calcium carbonate		
Oral	LD50	6450 mg/kg (rat)
123-86-4 n-butyl acetate		
Oral	LD50	13100 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21.0 mg/l (rat)
108-88-3 toluene		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50 (static)	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)
78-83-1 butanol		
Oral	LD50	2460 mg/kg (rat)
Dermal	LD50	3400 mg/kg (rabbit)
111-76-2 2-butoxyethanol		
Oral	LD50	1480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)
110-19-0 isobutyl acetate		
Oral	LD50	13400 mg/kg (rat)
1330-20-7 xylene		
Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
78-93-3 butanone		
Oral	LD50	3300 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

**Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** Irritating effect.**Sensitization:** Sensitizing 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

GB  
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**SECTION 12: Ecological information****12.1 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

**12.2 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

**12.3 Bioaccumulative potential**

This product is not known to have bioaccumulative potentials. It should not be disposed in areas where living organisms could consume. Dispose it as a hazardous material according to local laws and regulations

**12.4 Mobility in soil**

This product is not considered to present any mobility in soil. Do not dispose it in the soil and treat it as a hazardous product according to local laws and legislations.

**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.

**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.**SECTION 13: Disposal considerations****13.1 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.

**SECTION 14: Transport information****14.1 UN-Number**

ADR, IMDG, IATA

UN1263

**14.2 UN proper shipping name**

ADR

1263 PAINT, special provision 640D

IMDG, IATA

PAINT

**14.3 Transport hazard class(es)**

ADR




Class

3 (F1) Flammable liquids.

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Trade name: BODY 240/241 NITROSOFT 1K NITROFILLER

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Label	3
IMDG, IATA	
	
Class	3 Flammable liquids.
Label	3
14.4 Packing group ADR, IMDG, IATA	II
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	33
EMS Number:	F-E, <u>S-E</u>
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Transport category	2
Tunnel restriction code	D/E
UN "Model Regulation":	UN1263, PAINT, special provision 640D, 3, II

## SECTION 15: Regulatory information

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

#### Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

#### Code letter and hazard designation of product:



Xn Harmful  
F Highly flammable

#### Hazard-determining components of labelling:

toluene

#### Risk phrases:

- 11 Highly flammable.
- 16 Explosive when mixed with oxidising substances.
- 33 Danger of cumulative effects.
- 36 Irritating to eyes.
- 63 Possible risk of harm to the unborn child.
- 67 Vapours may cause drowsiness and dizziness.

#### Safety phrases:

- 7/9 Keep container tightly closed and in a well-ventilated place.
- 16 Keep away from sources of ignition - No smoking.
- 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
- 25 Avoid contact with eyes.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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Trade name: **BODY 240/241 NITROSOFT 1K NITROFILLER**

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- 29 Do not empty into drains.  
 33 Take precautionary measures against static discharges.  
 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
 43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.  
 51 Use only in well-ventilated areas.  
 60 This material and its container must be disposed of as hazardous waste.  
 62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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

## SECTION 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

- H224 Extremely flammable liquid and vapour.  
 H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H312 Harmful in contact with skin.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye 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.  
 H361d Suspected of damaging the unborn child.  
 H373 May cause damage to organs through prolonged or repeated exposure.
- R10 Flammable.  
 R11 Highly flammable.  
 R16 Explosive when mixed with oxidising substances.  
 R20/21 Harmful by inhalation and in contact with skin.  
 R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
 R33 Danger of cumulative effects.  
 R36 Irritating to eyes.  
 R36/38 Irritating to eyes and skin.  
 R37 Irritating to respiratory system.  
 R37/38 Irritating to respiratory system and skin.  
 R38 Irritating to skin.  
 R39 Danger of very serious irreversible effects.  
 R41 Risk of serious damage to eyes.  
 R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 R62 Possible risk of impaired fertility.  
 R63 Possible risk of harm to the unborn child.  
 R65 Harmful: may cause lung damage if swallowed.  
 R66 Repeated exposure may cause skin dryness or cracking.  
 R67 Vapours may cause drowsiness and dizziness.

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



GHS02 flame

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



GHS08 health hazard

Repr. 2 H361d Suspected of damaging the unborn child.

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**Trade name: BODY 240/241 NITROSOFT 1K NITROFILLER**

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**GHS05 corrosion****Eye Dam. 1 H318 Causes serious eye damage.****GHS07****Skin Irrit. 2 H315 Causes skin irritation.****Department issuing MSDS: Department of Quality Control****Contact:****H.B 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)****ICAO: International Civil Aviation Organization****ADR: Accord européen sur le transport 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)****DNEL: Derived No-Effect Level (REACH)****LC50: Lethal concentration, 50 percent****LD50: Lethal dose, 50 percent****\* Data compared to the previous version altered.**

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Trade name: BODY 240/241 NITROSOFT 1K NITROFILLER

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## Annex: Exposure scenario

### Short title of the exposure scenario

**General Statement:** The exposure scenarios on the MSDS tend to provide specific information on how a hazardous substance, found in a preparation or as a raw material can be managed and controlled. It considers specific conditions of use in order to ensure that a use can be safe to humans and the environment. Identified risk management measures are to be implemented unless the downstream user is able to ensure a safe handling of the material in a different way.

**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**

**PROC8a** Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

**Article category AC1** Vehicles

**Environmental release category ERC2** Formulation of preparations

### 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 worker exposure**

Avoid contact with eyes.

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

Provide explosion-proof electrical equipment.

Ensure that suitable extractors are available on processing machines

##### Personal protective measures

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Pregnant women should strictly avoid inhalation or skin contact.

Tightly sealed goggles

#### Measures for consumer protection

Ensure adequate labelling.

Observe consumer information and advice on safe use.

#### 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.

**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.

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**Trade name: BODY 240/241 NITROSOFT 1K NITROFILLER**

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**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.