

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier:****Product name:** SOLL COLOR BODY CAVITY PROTECTION, BROWN**Article number:** S700316**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.

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

SU21 Consumer uses: Private households / general public / consumers.

**Process category**

PROC7 Industrial spraying

PROC11 Non industrial spraying

**Application of the substance / the mixture:** Surface protection.**1.3. Manufacturer/Supplier:**

UAB HELVINA

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Lithuania

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E-mail: [info@helvina.lt](mailto:info@helvina.lt)[www.helvina.lt](http://www.helvina.lt)**1.4. Further information obtainable from:** Laboratory**Emergency telephone number:**

Poison control and information office: Tel.: +370 5 236 2052 or +370 687 53378

**2. HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008:**

GHS02

Flam. Liq. 3

H226 Flammable liquid and vapour.



GHS08

Asp. Tox. 1

H304 May be fatal if swallowed and enters airways.



GHS09 ENVIRONMENT

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.



GHS07

STOT SE 3

H336 May cause drowsiness or dizziness.

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

N; Dangerous for the environment

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R10-66-67: Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

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

Printing date: 11-07-2014

Revision: 11-07-2014

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.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Has a narcotizing effect.

#### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

##### Hazard pictograms:



GHS02



GHS07



GHS08



GHS09

Signal word: DANGER

##### Hazard-determining components of labelling:

Naphtha (petroleum), hydrodesulfurized heavy

##### Hazard statements:

H226 Flammable liquid and vapour.

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:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P233 Keep container tightly closed.

P273 Avoid release to the environment.

P271 Use only outdoors or in a well-ventilated area.

P261 Avoid breathing mist/vapours/spray.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

##### Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

#### 2.3 Other hazards

##### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS







#### 3.1. Chemical characterization: Substances

Additional information:

|  |  |         |
|--|--|---------|
| CAS: 64742-82-1<br>EC number: 919-446-0<br>Reg. nr.:<br>01-2119458049-33 | Naphtha (petroleum), hydrodesulfurized heavy<br>Xn, R65;  N; R51/53<br>R10-66-67<br>Flam. Liq. 3, H226;  Asp. Tox. 1, H304;  Aquatic Chronic 2, H411;  STOT SE 3, H336 | 25-<50% |
|--|--|---------|

Printing date: 11-07-2014

Revision: 11-07-2014

|                                    |   |         |
|------------------------------------|---|---------|
| CAS: 68608-26-4                    | Sodium Sulfonate<br> Xi R36<br>Eye Irrit. 2, H319  | 3-<10%  |
| CAS: 111-76-2<br>EINECS: 203-905-0 | 2-butoxyethanol<br> Xn R20/21/22;  Xi R36/38<br> Acute Tox. 4, H302;  Acute Tox. 4, H312;  Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319 | 0,3-<1% |

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.

### 3.2. Chemical characterization: Mixtures

Description: -

Dangerous components: -

Additional information: -

## 4. FIRST AID MEASURES

### 4.1. 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: Do not induce vomiting; call for medical help immediately.

### 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.

## 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA: Water haze, fire-extinguishing powder, carbon dioxide, alcohol resistant foam.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS: Water with full jet.

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

No further relevant information available.

### 5.3. Advice for fire-fighters

PROTECTIVE EQUIPMENT: Mount respiratory protective device.

## 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).

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.

## 7. HANDLING AND STORAGE

### Handling

#### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

#### 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:

No special requirements.

#### Information about storage in one common storage facility:

Observe official regulations on storing packaging's with pressurized containers.

#### Further information about storage conditions:

Keep receptacle tightly sealed.

#### 7.3 Specific end use(s)

No further relevant information available.

## 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:

2-BUTOXYETHANOL (CAS: 111-76-2)

WEL Short-term value: 246 mg/m<sup>3</sup>, 50 ppm

Long-term value: 123 mg/m<sup>3</sup>, 25 ppm

Sk, BMGV

### DNELs

NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY (CAS: 64742-82-1)

Oral DNEL Long term-systemic 26 mg/kg bw/day (Consumer)

Dermal DNEL Long term-systemic 26 mg/kg bw/day (Consumer)

44 mg/kg bw/day (Worker)

Inhalative DNEL Long term-systemic 71 mg/m<sup>3</sup> (Consumer)

330 mg/m<sup>3</sup> (Worker)

#### Ingredients with biological limit values:

2-BUTOXYETHANOL (CAS: 111-76-2)

BMGV 240 mmol/mol creatinine

Medium: urine

Sampling time: post shift

Parameter: butoxyacetic acid

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### Personal protective equipment:

**General protective and hygienic measures:** Wash hands before breaks and at the end of work.



### 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.

Filter A

**PROTECTION OF HANDS:** Protective gloves. Solvent resistant gloves.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Printing date: 11-07-2014

Revision: 11-07-2014

Material of gloves: Nitrile rubber, NBR.

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.

EYE PROTECTION: Tightly sealed goggles.

BODY PROTECTION: Use protective suit.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties:

|   |   |
|---|---|
| Appearance:                             | Fluid   |
| Colour:                                 | Brown   |
| Odour:                                  | Characteristic  |
| Odour threshold:                        | Not determined  |
| pH value:                               | Not determined  |
| Melting point / melting range:          | Undetermined  |
| Boiling point / boiling range:          | 142 °C  |
| Flash point:                            | 39 °C   |
| Flammability (solid, gaseous):          | Not applicable  |
| Decomposition temperature:              | Not determined  |
| Self-igniting:                          | Product is not self-igniting  |
| Danger of explosion:                    | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| Explosion limits (lower / upper):       | 0.6 Vol % / 10.0 Vol %  |
| Vapour pressure at 20 °C:               | 3.7 hPa   |
| Density at 20 °C:                       | 0,865 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 / kinematic):        | Not determined / 35 s (DIN 53211/4)   |
| Organic solvents:                       | 45.6 %  |

### 9.2. Other information:

No further relevant information available.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity:

### 10.2. Chemical stability:

### 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.

### 10.7. Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects.

#### Acute toxicity:

#### LD/LC50 values relevant for classification:

NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY (CAS: 64742-82-1)

Printing date: 11-07-2014

Revision: 11-07-2014

Oral LD50 >5000 mg/kg (rat)  
Dermal LD50 > 3160 mg/kg (rabbit)  
SODIUM SULFONATE. (CAS: 68608-26-4)  
Oral LD50 >6000 mg/kg (rat)

**Primary irritant effect:**

ON THE SKIN: No irritating effect.

ON THE EYE: No irritating effect.

**Sensitization:** No sensitizing effects known.**12. ECOLOGICAL INFORMATION****12.1. Toxicity:****Aquatic toxicity:**

NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY (CAS: 64742-82-1)

EL50 (72h) 4.6-10 mg/l (Pseudokirchneriella subcapitata)

EL50 (48h) 10-22 mg/l (Daphnia magna)

LL50 (96h) 10-30 mg/l (Oncorhynchus mykiss (96h))

LOEC (21 days) 0.203 mg/l (Daphnia magna)

NOEC (21 days) 0.097 mg/l (Daphnia magna)

NOELR (72h) 1 mg/l (Pseudokirchneriella subcapitata)

**12.2. Persistence and degradability:**

No further relevant information available.

**12.3. Bio accumulative potential:**

No further relevant information available.

**12.4. Mobility in soil:**

No further relevant information available.

**12.5. Results of PBT and vPvB assessment:**

PBT: Not applicable.

vPvB: Not applicable.

**12.6. Other adverse effects:**

No further relevant information available.

**Ecotoxicological effects:****Remark:** Toxic for fish.**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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms.

**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.**14 TRANSPORT INFORMATION****14.1. UN number:**

ADR, IMDG, IATA

UN 1139

**14.2. UN proper Shipping Name:**

ADR

UN1139 COATING SOLUTION,  
ENVIRONMENTALLY HAZARDOUS

IMDG

COATING SOLUTION, mixture, MARINE POLLUTANT

Printing date: 11-07-2014

Revision: 11-07-2014

IATA

COATING SOLUTIONS, mixture

**14.3. Transport hazard class(es):**

ADR, IMDG,



Class:

3 Flammable liquids

Label:

3

IATA



Class:

3 Flammable liquids

Label:

3

**14.4. Packing group:**

ADR, IMDG, IATA

III

**14.5. Environmental hazards:**

Marine pollutant:

Product contains environmentally hazardous substances:  
Naphtha (petroleum), hydrodesulfurized heavy  
Yes

Special marking (ADR):

Symbol (fish and tree)

**14.6. Special precautions for user:**

Symbol (fish and tree)

Danger code (Kemler):

Warning: Flammable liquids.

EMS Number:

30

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

F-E,S-E

**Transport/Additional information:**

Not applicable

ADR

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

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

UN "Model Regulation":

UN1139, COATING SOLUTION, mixture  
ENVIRONMENTALLY HAZARDOUS, 3, III

**15 REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:****Technical instructions (air):**

| CLASS           | SHARE IN % |
|-----------------|------------|
| NK              | 25-<50     |
| VOC-CH          | 45.60 %    |
| VOC-EU          | 394.4 g/l  |
| Danish MAL Code | 5-3        |

**15.2. Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.



**16 OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases:**

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.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

R10 Flammable.  
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R36 Irritating to eyes.  
R36/38 Irritating to eyes and skin.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

**Abbreviations and acronyms:**

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail  
ICAO: International Civil Aviation Organization  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
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)  
MAL-Code: Regulation for the labeling concerning inhalation hazards, Denmark  
DNEL: Derived No-Effect Level (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent

Flam. Liq. 3: Flammable liquids, Hazard Category 3  
Acute Tox. 4: Acute toxicity, Hazard Category 4  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3  
Asp. Tox. 1: Aspiration hazard, Hazard Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

The information of this Material Safety Data Sheet is based on the present state of knowledge and on current EU and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.