

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: BODY SHUTZ**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Anticorrosion additive
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
LKQ Coatings  
Newberry House, Michigan Drive  
Tongwell, Milton Keynes  
MK15 8HQ  
T: 01908 611117  
E: [optimaproducts@lkqcoatings.com](mailto:optimaproducts@lkqcoatings.com)
- **Further information obtainable from:** Product safety Department
- **1.4 Emergency telephone number:** Tel: 01908 611117

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02

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



GHS09

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

STOT SE 3      H336 May cause drowsiness or dizziness.

- **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    GHS09

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Naphtha (petroleum), hydrotreated light  
Solvent naphtha (petroleum), light arom.
- **Hazard statements**  
H225 Highly flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
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.

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- P243 Take precautionary measures against static discharge.  
 P303+P361+P353 **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 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.

### SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Description:** Mixture of substances listed below with additions.

· **Dangerous components:**

|  |  |         |
|--|--|---------|
| EC number: 920-750-0<br>Reg.nr.: 01-2119473851-33-0001 | Naphtha (petroleum), hydrotreated light<br>⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336       | 25-<50% |
| EC number: 918-668-5<br>Reg.nr.: 01-2119455851-35      | Solvent naphtha (petroleum), light arom.<br>⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336 | 1-<3%   |
| CAS: 108-32-7<br>EINECS: 203-572-1                     | Propylene carbonate<br>⚠ Eye Irrit. 2, H319  | 1-<3%   |

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

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **After skin contact:** If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **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:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **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.

· **5.3 Advice for firefighters**

· **Protective equipment:** Mount respiratory protective device.

· **Additional information** Cool endangered receptacles with water spray.

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## 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:**  
Prevent seepage into sewage system, workpits and cellars.  
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).  
Ensure adequate ventilation.
- **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.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Use only in well ventilated areas.
- **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:** Not required.
- **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:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

**Naphtha (petroleum), hydrotreated light**

|            |  |                                       |
|------------|--|---------------------------------------|
| Oral       | Long-term - systemic effects, general population | 699 mg/kg bw/day (General Population) |
| Dermal     | Long-term - systemic effects, worker             | 773 mg/kg bw/day (Worker)             |
|            | Long-term - systemic effects, general population | 699 mg/kg bw/day (General population) |
| Inhalative | Long-term - systemic effects, worker             | 2035 mg/m3 (Worker)                   |
|            | Long-term - systemic effects, general population | 608 mg/m3 (General Population)        |

**Solvent naphtha (petroleum), light arom.**

|            |  |                                      |
|------------|--|--------------------------------------|
| Oral       | Long-term - systemic effects, general population | 11 mg/kg bw/day (General Population) |
| Dermal     | Long-term - systemic effects, worker             | 25 mg/kg bw/day (Worker)             |
|            | Long-term - systemic effects, general population | 11 mg/kg bw/day (General population) |
| Inhalative | Long-term - systemic effects, worker             | 150 mg/m3 (Worker)                   |

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

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- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:**



Filter A

- **Protection of hands:** Not required.
- **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.  
Nitrile rubber  
Recommended thickness of the material:  $\geq 0,12$  mm
- **Penetration time of glove material**  
> 480 min.  
The exact break trough 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.

## SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · General Information

##### · Appearance:

|                    |                 |
|--------------------|-----------------|
| Form:              | Fluid           |
| Colour:            | Black           |
| · Odour:           | Characteristic  |
| · Odour threshold: | Not determined. |

· **pH-value:** Not determined.

##### · Change in condition

|  |               |
|--|---------------|
| Melting point/freezing point:            | Undetermined. |
| Initial boiling point and boiling range: | 90 °C         |

· **Flash point:** 9 °C (DIN 53213)

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** > 200 °C

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

##### · Explosion limits:

|        |           |
|--------|-----------|
| Lower: | 0.6 Vol % |
| Upper: | 7.0 Vol % |

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|   |  |
|---|--|
| · Vapour pressure At 20 °C:               | 20 hPa                                     |
| · Vapour pressure At 50 °C:               | 111 hPa                                    |
| · Density At 20 °C:                       | 1.09 g/cm <sup>3</sup> (DIN 51757)         |
| · 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:                       | 45 s (ISO 6 mm)                            |
| · Solvent content:                        |  |
| Organic solvents:                         | 34.7 %                                     |
| Water:                                    | 0.1 %                                      |
| · Solids content:                         | 65.2 % (DIN 53216)                         |
| · 9.2 Other information                   | No further relevant information available. |
| · VOC (EU):                               | 34.70 %                                    |
| · VOC (EU):                               | 378.2 g/l                                  |
| · VOCV:                                   | 34.70 %                                    |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **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:** Carbon monoxide

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

**Naphtha (petroleum), hydrotreated light**

|            |       |                      |
|------------|-------|----------------------|
| Oral       | LD50  | >5000 mg/kg (RAT)    |
| Dermal     | LD50  | >2800 mg/kg (RABBIT) |
| Inhalative | LC 50 | >23.3 mg/l (RAT)     |

**Solvent naphtha (petroleum), light arom.**

|        |      |                      |
|--------|------|----------------------|
| Dermal | LD50 | >2000 mg/kg (RABBIT) |
|--------|------|----------------------|

**CAS: 108-32-7 Propylene carbonate**

|        |      |                      |
|--------|------|----------------------|
| Oral   | LD50 | >5000 mg/kg (RAT)    |
| Dermal | LD50 | >2000 mg/kg (RABBIT) |

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

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- **Additional toxicological information:** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

**Naphtha (petroleum), hydrotreated light**

LL50/96 h >13.4 mg/l (SALMO GAIRDNERI / ONCORHYNCHUS MYKISS)

EL50/48 h 3 mg/l (DAPHNIA MAGNA)

EL50/72 h 10-30 mg/l (SELENASTRUM CAPRICORNUTUM)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** 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

### · 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **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.

Dispose of as dangerous waste.

#### · European waste catalogue

|           |   |
|-----------|---|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances |
| HP 3      | Flammable   |
| HP 5      | Specific Target Organ Toxicity (STOT)/Aspiration Toxicity                         |
| HP 14     | Ecotoxic  |

#### · Uncleaned packaging:

· **Recommendation:** Disposal must be made according to official regulations.




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### SECTION 14: Transport information

|   |   |                           |
|---|---|---------------------------|
| <ul style="list-style-type: none"> <li>· 14.1 UN-Number</li> <li>· ADR,RID,ADN, IMDG, IATA</li> </ul>   | UN1139  |                           |
| <ul style="list-style-type: none"> <li>· 14.2 UN proper shipping name</li> <li>· ADR/RID/ADN</li> <li>· IMDG</li> <li>· IATA</li> </ul>   | 1139 COATING SOLUTION, ENVIRONMENTALLY HAZARDOUS, special provision 640D<br>COATING SOLUTION (Naphtha (petroleum), hydrotreated light, Solvent naphtha (petroleum), light arom.), MARINE POLLUTANT<br>COATING SOLUTION  |                           |
| <ul style="list-style-type: none"> <li>· 14.3 Transport hazard class(es)</li> <li>· ADR,RID,ADN, IMDG</li> </ul>  | <div style="display: flex; align-items: center;">   </div> <ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul> | 3 Flammable liquids.<br>3 |
| <ul style="list-style-type: none"> <li>· IATA</li> </ul>  | <div style="display: flex; align-items: center;">  </div> <ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>  | 3 Flammable liquids.<br>3 |
| <ul style="list-style-type: none"> <li>· 14.4 Packing group</li> <li>· ADR,RID,ADN, IMDG, IATA</li> </ul>   | II  |                           |
| <ul style="list-style-type: none"> <li>· 14.5 Environmental hazards:</li> <li>· Marine pollutant:</li> <li>· Special marking (ADR/RID/ADN):</li> </ul>  | Product contains environmentally hazardous substances:<br>Naphtha (petroleum), hydrotreated light<br>Yes<br>Symbol (fish and tree)<br>Symbol (fish and tree)  |                           |
| <ul style="list-style-type: none"> <li>· 14.6 Special precautions for user</li> <li>· Danger code (Kemler):</li> <li>· EMS Number:</li> <li>· Stowage Category</li> </ul>                               | Warning: Flammable liquids.<br>33<br>F-E,S-E<br>B   |                           |
| <ul style="list-style-type: none"> <li>· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</li> </ul>   | Not applicable.   |                           |
| <ul style="list-style-type: none"> <li>· Transport/Additional information:</li> </ul>   | Transport classification ADR/IMGD is based on packaging >30ltr(IMDG), <450ltr(ADR).<br>For other packaging untis different classification can apply.  |                           |
| <ul style="list-style-type: none"> <li>· ADR/RID/ADN</li> <li>· Limited quantities (LQ)</li> <li>· Excepted quantities (EQ)</li> <li>· Transport category</li> <li>· Tunnel restriction code</li> </ul> | 5L<br>Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml<br>2<br>D/E   |                           |

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|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul> | 5L<br>Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| <ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>  | UN 1139 COATING SOLUTION, SPECIAL PROVISION<br>640D, 3, II, ENVIRONMENTALLY HAZARDOUS                                 |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07 GHS09

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Naphtha (petroleum), hydrotreated light  
Solvent naphtha (petroleum), light arom.
- **Hazard statements**  
H225 Highly flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
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.  
P243 Take precautionary measures against static discharge.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
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.
- **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
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations:**
- **Technical instructions (air):**

| Class  | Share in % |
|--------|------------|
| Wasser | 0.1        |
| NK     | 34.7       |

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 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**

*H225 Highly flammable liquid and vapour.*

*H226 Flammable liquid and vapour.*

*H304 May be fatal if swallowed and enters airways.*

*H319 Causes serious eye irritation.*

*H335 May cause respiratory irritation.*

*H336 May cause drowsiness or dizziness.*

*H411 Toxic to aquatic life with long lasting effects.*

· **Department issuing SDS:** Product safety department.

· **Contact:** [optimaproducts@lkqcoatings.com](mailto:optimaproducts@lkqcoatings.com)

· **Abbreviations and acronyms:**

*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*

*GHS: Globally Harmonised 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)*

*DNEL: Derived No-Effect Level (REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 2: Flammable liquids – Category 2*

*Flam. Liq. 3: Flammable liquids – Category 3*

*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*Asp. Tox. 1: Aspiration hazard – Category 1*

*Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*