### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

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

· 1.1 Product identifier

• Trade name: TOUCH-UP SPRAY 2 COMPONENT

· Article number: 230PPA2RAL

• 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 SPRAYCAN PAINT

• Manufacturer/Supplier: DUTHOO NV/SA ESSERSTRAAT 3 B-8550 ZWEVEGEM +32 56 360 774 info@duthoo.eu

• 1.4 Emergency telephone number: Belgisch Antigifcentrum: +32 70 245 245

**SECTION 2: Hazards identification** 

· 2.1 Classification of the substance or mixture

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

GHS02 flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

### GHS07

| Eye Irrit. 2 | H319 | Causes serious eye irritation.       |
|--------------|------|--------------------------------------|
| Skin Sens. 1 | H317 | May cause an allergic skin reaction. |
| STOT SE 3    | H336 | May cause drowsiness or dizziness.   |

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

Xn; Sensitising

R42/43: May cause sensitisation by inhalation and skin contact.

*F+; Extremely flammable* 

*R12: Extremely flammable.* 

*R66-67: Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.* 

· 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.

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

Has a narcotising effect.

(Contd. on page 2)

Page 2/12

### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

| Classification s                   | (Contd. of pa  |
|------------------------------------|--|
|                                    | on is according to the latest editions of the EU-lists, and extended by company and literatu |
|                                    |  |
| 2.2 Label eleme                    |  |
|                                    | ding to Regulation (EC) No 1272/2008   |
|                                    | lassified and labelled according to the CLP regulation.                                      |
| Hazard pictogra                    | ums  |
| $\wedge$                           |  |
| < ** > < 1                         |  |
| $\sim$                             |  |
| GHS02 GHS                          | 207  |
| 011502 011                         | 507  |
| Signal word Da                     | nger   |
| Hazard-determ                      | ning components of labelling:  |
|                                    | diisocyanate, oligomers  |
| acetone                            |  |
| n-butyl acetate                    |  |
|                                    | a-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-                  |
|                                    | vethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-     |
|                                    | I-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)              |
|                                    | ntamethyl-4-piperidyl) sebacate  |
| isobutyl methac                    | rylate   |
| Hazard stateme                     |  |
| H222-H229 Ext                      | remely flammable aerosol. Pressurised container: May burst if heated.                        |
|                                    | uses serious eye irritation.   |
| Н317 Ма                            | y cause an allergic skin reaction.   |
| Н336 Ма                            | y cause drowsiness or dizziness.   |
| Precautionary s                    |  |
| P101                               | If medical advice is needed, have product container or label at hand.                        |
| P102                               | Keep out of reach of children.   |
| P103                               | Read label before use.   |
| P210                               | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No        |
|                                    | smoking.   |
| P251                               | Do not pierce or burn, even after use.   |
| P211                               | Do not spray on an open flame or other ignition source.                                      |
| P261                               | Avoid breathing dust/fume/gas/mist/vapours/spray.  |
| P305+P351+P.                       | 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i    |
|                                    | present and easy to do. Continue rinsing.  |
| P321                               | Specific treatment (see on this label).  |
| P304+P340                          | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                   |
| P405                               | Store locked up.   |
| P410+P412                          | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                 |
| P501                               | Dispose of contents/container in accordance with local regulations.                          |
| Additional info                    |  |
| EUH066 Repea                       | ted exposure may cause skin dryness or cracking.   |
| 2.3 Other hazar                    |  |
| v                                  | and vPvB assessment  |
|                                    | cable.   |
| PBT: Not applie<br>vPvB: Not apple |  |

### SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

\*

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

(Contd. on page 3)

GB

Page 3/12

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

| Dangerous components:   |   |          |
|---|---|----------|
| CAS: 115-10-6<br>EINECS: 204-065-8<br>Index number: 603-019-00-8<br>Reg.nr.: 01-2119472128-37-xxxx  | dimethyl ether<br>F + R12<br>Flam. Gas 1, H220<br>Press. Gas C, H280  | 25-50%   |
| CAS: 67-64-1<br>EINECS: 200-662-2<br>Index number: 606-001-00-8<br>Reg.nr.: 01-2119471330-49-xxxx   | acetone<br>X I R36<br>F R11   | 12.5-20% |
| CAS: 123-86-4<br>EINECS: 204-658-1<br>Index number: 607-025-00-1<br>Reg.nr.: 01-2119485493-29-xxxx  | n-butyl acetate<br>R10-66-67<br>Flam. Liq. 3, H226<br>STOT SE 3, H336   | 10-12.5% |
| CAS: 1330-20-7<br>EINECS: 215-535-7<br>Index number: 601-022-00-9<br>Reg.nr.: 01-2119488216-32-xxxx | xylene<br>Xn R20/21<br>Xi R38<br>R10<br>Flam. Liq. 3, H226<br>Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315   | 5-10%    |
| CAS: 28182-81-2<br>NLP: 500-060-2   | Hexamethylene diisocyanate, oligomers<br>Xn R20<br>Xi R37<br>Xi R43<br>Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335  | 2.5-5%   |
| CAS: 100-41-4<br>EINECS: 202-849-4<br>Index number: 601-023-00-4<br>Reg.nr.: 01-2119489370-35-xxxx  | ethylbenzene<br>Xn R20<br>F R11<br>Flam. Liq. 2, H225<br>STOT RE 2, H373; Asp. Tox. 1, H304<br>Acute Tox. 4, H332   | 1-2.5%   |
| CAS: 110-12-3<br>EINECS: 203-737-8<br>Index number: 606-026-00-4                                    | 5-methylhexan-2-one<br>Xn R20<br>R10<br>Flam. Liq. 3, H226<br>Acute Tox. 4, H332  | 1-2.5%   |
| CAS: 64742-95-6<br>EC number: 918-668-5<br>Reg.nr.: 01-2119455851-35-xxxx                           | Solvent naphtha (petroleum), light arom.<br>Xn R65<br>Xi R37<br>N R51/53<br>R10-66-67<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411<br>STOT SE 3, H335-H336 | 0.1-1%   |

Page 4/12

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

| CAS: 95-63-6  | 1,2,4-trimethylbenzene  | 0.1-1% |
|---|---|--------|
| EINECS: 202-436-9<br>Index number: 601-043-00-3<br>Reg.nr.: 01-2119472135-42-xxxx                 | Xn R20<br>Xi R36/37/38<br>N R51/53<br>R10   |        |
|   | <ul> <li>Flam. Liq. 3, H226</li> <li>Aquatic Chronic 2, H411</li> <li>Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319;<br/>STOT SE 3, H335</li> </ul>   |        |
| ELINCS: 400-830-7<br>Index number: 607-176-00-3   | Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-<br>hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene)<br>and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-<br>hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-<br>5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)<br>X i R43<br>N R51/53<br>Aquatic Chronic 2, H411<br>Skin Sens. 1, H317 | 0.1-19 |
| CAS: 41556-26-7<br>EINECS: 255-437-1  | Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate<br>Xi R43<br>N R51/53<br>Aquatic Chronic 2, H411<br>Skin Sens. 1, H317  | 0.1-19 |
| CAS: 97-86-9<br>EINECS: 202-613-0<br>Index number: 607-113-00-X<br>Reg.nr.: 01-2119488331-38-xxxx | isobutyl methacrylate<br>Xi R36/37/38<br>Xi R43<br>N R50<br>R10<br>◆ Flam. Liq. 3, H226<br>◆ Aquatic Acute 1, H400<br>◆ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317;<br>STOT SE 3, H335   | 0.1-19 |

#### **SECTION 4: First aid measures**

- 4.1 Description of first aid measures
- · After inhalation:

Supply fresh air and to be sure call for a doctor.

- In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: Drink plenty of water and provide fresh air. Call for a doctor 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.

### **SECTION 5: Firefighting measures**

- · 5.1 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
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.

(Contd. on page 5)

GB -

Page 5/12

### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

(Contd. of page 4)

· 5.3 Advice for firefighters

· Protective equipment: No special measures required.

### **SECTION 6:** Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Keep away from ignition sources.
- 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:
- Dispose contaminated material as waste according to item 13. 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 Ensure good ventilation/exhaustion at the workplace.
- *Information about fire and explosion protection:* Do not spray onto a naked flame or any incandescent material.
- Keep ignition sources away Do not smoke.
- Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- Observe official regulations on storing packagings with pressurised containers.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Protect from heat and direct sunlight.
- 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.

<sup>· 8.1</sup> Control parameters

| · Ingredients with limit values that require monitoring at the workplay | ce:             |
|---|-----------------|
| 115-10-6 dimethyl ether   |                 |
| WEL Short-term value: 958 mg/m <sup>3</sup> , 500 ppm                   |                 |
| Long-term value: 766 mg/m <sup>3</sup> , 400 ppm                        |                 |
| 67-64-1 acetone   |                 |
| WEL Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm                 |                 |
| Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm                       |                 |
| 123-86-4 n-butyl acetate  |                 |
| WEL Short-term value: 966 mg/m <sup>3</sup> , 200 ppm                   |                 |
| Long-term value: 724 mg/m <sup>3</sup> , 150 ppm                        |                 |
|   | (Contd. on page |
|   |                 |

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

| n <sup>3</sup> , 50 ppm<br>n <sup>3</sup> , 125 ppm<br>n <sup>3</sup> , 100 ppm<br>n <sup>3</sup> , 100 ppm<br>yalues:<br>values:<br>ric acid<br>valid during the making were used as basis.<br>measures:<br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos |
|--|
| n <sup>3</sup> , 125 ppm<br>n <sup>3</sup> , 100 ppm<br>n <sup>3</sup> , 100 ppm<br>c, 20 ppm<br>values:<br>values:<br>values:<br>measures:<br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| n <sup>3</sup> , 100 ppm<br>n <sup>3</sup> , 100 ppm<br>2, 20 ppm<br>values:<br>ric acid<br>valid during the making were used as basis.<br>measures:<br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos  |
| n <sup>3</sup> , 100 ppm<br>n <sup>3</sup> , 100 ppm<br>2, 20 ppm<br>values:<br>ric acid<br>valid during the making were used as basis.<br>measures:<br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos  |
| n <sup>3</sup> , 100 ppm<br>3, 20 ppm<br>values:<br>ric acid<br>valid during the making were used as basis.<br>measures:<br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos  |
| <i>values:</i><br><i>values:</i><br><i>ric acid</i><br><i>valid during the making were used as basis.</i><br><i>measures:</i><br><i>ages and feed.</i><br><i>d contaminated clothing</i><br><i>the end of work.</i><br><i>psols.</i><br><i>ollution use respiratory filter device. In case of intensive or longer expos</i>  |
| ric acid<br>values:<br>ric acid<br>valid during the making were used as basis.<br>measures:<br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| ric acid<br>values:<br>ric acid<br>valid during the making were used as basis.<br>measures:<br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| values:<br>values:<br>ric acid<br>valid during the making were used as basis.<br>measures:<br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos  |
| ric acid<br>valid during the making were used as basis.<br><b>measures:</b><br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| ric acid<br>valid during the making were used as basis.<br><b>measures:</b><br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| valid during the making were used as basis.<br><b>measures:</b><br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| valid during the making were used as basis.<br><b>measures:</b><br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| valid during the making were used as basis.<br><b>measures:</b><br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| valid during the making were used as basis.<br><b>measures:</b><br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| valid during the making were used as basis.<br><b>measures:</b><br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos   |
| <b>measures:</b><br>ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos  |
| ages and feed.<br>d contaminated clothing<br>the end of work.<br>osols.<br>ollution use respiratory filter device. In case of intensive or longer expos  |
| otective device.<br>ermeable and resistant to the product/ the substance/ the preparation.<br>consideration of the penetration times, rates of diffusion and the   |
| es does not only depend on the material, but also on further marks of qua<br>manufacturer. As the product is a preparation of several substances, the  |
| an not be calculated in advance and has therefore to be checked prior to   |
| <b>ul</b><br>o be found out by the manufacturer of the protective gloves and has to be   |
|  |
|  |

- · Appearance:
  - Form:

Aerosol

(Contd. on page 7) GB

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

|  | (Contd. of pag  |
|--|---|
| 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:           | Not applicable, as aerosol.   |
| Flash point:                           | $< 0 \ ^{\circ}C \ (< 32 \ ^{\circ}F)$  |
|  | Not applicable, as aerosol.   |
| Flammability (solid, gaseous):         | Not applicable.   |
| Ignition temperature:                  | 240 °C (464 °F)   |
| Decomposition temperature:             | Not determined.   |
| Self-igniting:                         | Product is not selfigniting.  |
| Danger of explosion:                   | Product is not explosive. However, formation of explosive air/<br>vapour mixtures are possible. |
| Explosion limits:                      |   |
| Lower:                                 | 1.2 Vol %   |
|  | 1.2 %   |
| Upper:                                 | 26.2 Vol %  |
|  | 18.6 %  |
| Vapour pressure at 20 °C (68 °F):      | 4000 hPa (3000 mm Hg)   |
|  | 5200 hPa (3900 mm Hg)   |
| Density at 20 °C (68 °F):              | 0.83 g/cm <sup>3</sup> (6.926 lbs/gal)  |
| Relative density                       | Not determined.   |
| Vapour density                         | Not determined.   |
| Evaporation rate                       | Not applicable.   |
| Solubility in / Miscibility with       |   |
| water:                                 | Not miscible or difficult to mix.   |
| Partition coefficient (n-octanol/water | r): Not determined.   |
| Viscosity:                             |   |
| Dynamic:                               | Not determined.   |
| Kinematic:                             | Not determined.   |
| Solvent content:                       |   |
| Organic solvents:                      | 81.4 %  |
| EU-VOC:                                | 675.5 g/l   |
| EU-VOC in %:                           | 81.39 %   |
| Solids content:                        | 18.6 %  |
| 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.

(Contd. on page 8)

GB

Page 8/12

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

| SECTIO.                | N 11: <u>To</u>                    | cicological information   |
|------------------------|------------------------------------|---|
| 11.1 Infor             | mation on t                        | oxicological effects  |
| • Acute toxic          | city                               |   |
|                        |                                    | ant for classification:   |
|                        | imethyl eth                        |   |
|                        |                                    | 308 mg/m3 (rat)   |
| 67-64-1 ac             |                                    | 5900 1 ( )  |
|                        | LD50                               | 5800  mg/kg (rat)   |
|                        | LD50                               | 20000 mg/kg (rabbit)  |
|                        |                                    | 39 mg/m3 (rat)  |
|                        | -butyl acete                       |   |
|                        | LD50                               | 10770 mg/kg (rat)   |
|                        | LD50<br>LC50 / 4 h                 | > 17600 mg/kg (rabbit)<br>> 21.0 mg/m3 (rat)                            |
|                        |                                    | >21.0 mg/m3 (rat)   |
| 1330-20-7              | -                                  | 2522  mg/hg (ngt)   |
|                        | LD50                               | 3523 mg/kg (rat)  |
|                        | LD50<br>LC50 ( 4 h                 | 2000 mg/kg (rabbit)   |
|                        |                                    | 22.1 mg/m3 (rat)  |
| 100-41-4 e<br>Oral     | <b>thylbenzen</b><br>LD50          | 2<br>3500 mg/kg (rat)   |
|                        | LD30<br>LD50                       | 17800 mg/kg (rat)<br>17800 mg/kg (rabbit)                               |
|                        | -methylhex                         |   |
| 110-12-3 3<br>Oral     | <i>-meinyinex</i><br>LD50          | 3200 mg/kg (rat)  |
|                        | LD50<br>LD50                       | 10000  mg/kg (rab)  |
|                        |                                    | aphtha (petroleum), light arom.   |
|                        | LD50                               | 3592 mg/kg (rat) (OECD401)  |
|                        | LD50<br>LD50                       | >3160 mg/kg (rab) (OECD401)   |
|                        |                                    | >6193 mg/m3 (rat)   |
|                        | 2,4-trimethy                       |   |
|                        | LD50                               | 5000 mg/kg (rat)  |
|                        | butyl meth                         |   |
|                        | LD50                               | 11990 mg/kg (mouse)   |
|                        |                                    | 28000 mg/m3 (rat)   |
|                        | ritant effect                      |   |
| Skin corro             | sion/irritati                      | on No irritant effect.  |
|                        |                                    | ritation No irritating effect.  |
|                        | <b>y or skin se</b><br>on possible | nsitisation<br>through inhalation.                                      |
|                        |                                    | through initiation.<br>through skin contact.                            |
| Additional             | toxicologic                        | al information:   |
| The produc             | ct shows the                       | following dangers according to the calculation method of the General EU |
| Classificat<br>Harmful | ion Guidelii                       | nes for Preparations as issued in the latest version:                   |

(Contd. on page 9)

\*

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

(Contd. of page 8)

GB

| 12.1 Toxicity               |   |  |
|-----------------------------|---|--|
| Aquatic toxicity:           | а   |  |
| 115-10-6 dimethyl e         |   |  |
| EC50 / 48 h                 | >4000 mg/l (daphnia magna)  |  |
| 67-64-1 acetone             |   |  |
| EC50 / 48 h                 | 8800 mg/l (daphnia magna)   |  |
| LC50 / 48 h                 | 2262 mg/l (daphnia magna)   |  |
| <i>LC50 / 96 h (static)</i> | 5540 mg/l (fish)  |  |
| 123-86-4 n-butyl ac         | etate   |  |
| EC50 / 48 h                 | 44 mg/l (daphnia magna)   |  |
| EC50 / 96 h                 | 320 mg/l (algae)  |  |
| LC50/24 h                   | 205 mg/l (daphnia magna)  |  |
| LC50 / 96 h                 | 18 mg/l (Pimephales promelas)   |  |
| 1330-20-7 xylene            |   |  |
| EC50 / 48 h                 | 7.4 mg/l (daphnia magna)  |  |
| LC50/96 h                   | 13.5 mg/l (fish)  |  |
| 64742-95-6 Solvent          | naphtha (petroleum), light arom.  |  |
| EC50 / 24 h                 | 150 mg/l (daphnia magna)  |  |
| EC50 / 48 h                 | 7.4 mg/l (daphnia magna)  |  |
| LC50/96 h                   | 3.77 mg/l (fish)  |  |
| 97-86-9 isobutyl me         | thacrylate  |  |
| LC50/4 h                    | 28 mg/l (rat)   |  |
| 12.3 Bioaccumulati          | <b>d degradability</b> No further relevant information available.<br><b>ive potential</b> No further relevant information available.<br><b>I</b> No further relevant information available. |  |
| Additional ecologic         | al information:   |  |

Danger to drinking water if even small quantities leak into the ground. • 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.

| · European | waste catalogue   |
|------------|---|
| 08 01 11*  | waste paint and varnish containing organic solvents or other dangerous substances   |
| 15 01 04   | metallic packaging  |
|            | metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers |
|            | (Contd. on page 10)   |

Page 10/12

\*

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

(Contd. of page 9)

- · Uncleaned packaging:
- Recommendation: Non contaminated packagings may be recycled.

| UN1950<br>1950 AEROSOLS<br>AEROSOLS<br>AEROSOLS, flammable |
|--|
| 1950 AEROSOLS<br>AEROSOLS                                  |
| AEROSOLS   |
| AEROSOLS   |
|  |
|  |
|  |
|  |
|  |
|  |
| 2 5F Gases.  |
| 2.1  |
|  |
|  |
| 2.1<br>2.1   |
| 2.1  |
| Void   |
| No   |
|  |
| Warning: Gases.  |
|  |
| F-D,S-U  |
| of<br>Not much and the                                     |
| Not applicable.  |
|  |
|  |
| IL   |
| Code: E0   |
| Not permitted as Excepted Quantity                         |
| 2  |
| D  |
|  |
|  |
| Code: E0   |
| Not permitted as Excepted Quantity                         |
|  |

(Contd. on page 11)

Page 11/12

### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

(Contd. of page 10)

### SECTION 15: Regulatory information

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

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· 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  |
|-------------|--|
| H220        | Extremely flammable gas.   |
| H225        | Highly flammable liquid and vapour.  |
| H226        | Flammable liquid and vapour.   |
| H280        | Contains gas under pressure; may explode if heated.  |
| H304        | May be fatal if swallowed and enters airways.  |
| H312        | Harmful in contact with skin.  |
| H315        | Causes skin irritation.  |
| H317        | May cause an allergic skin reaction.   |
| H319        | Causes serious eye irritation.   |
| H332        | Harmful if inhaled.  |
| H335        | May cause respiratory irritation.  |
| H336        | May cause drowsiness or dizziness.   |
| H373        | May cause damage to organs through prolonged or repeated exposure.   |
| H400        | Very toxic to aquatic life.  |
| H411        | Toxic to aquatic life with long lasting effects.   |
| Π10         |  |
| R10         | Flammable.   |
| R11         | Highly flammable.  |
| R12         | Extremely flammable.   |
| R20         | Harmful by inhalation.   |
| R20/21      | Harmful by inhalation and in contact with skin.  |
| R36         | Irritating to eyes.  |
|             | 8 Irritating to eyes, respiratory system and skin.   |
| R37         | Irritating to respiratory system.  |
| R38         | Irritating to skin.  |
| R43         | May cause sensitisation by skin contact.   |
| R50         | Very toxic to aquatic organisms.   |
| R51/53      | <i>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</i>                   |
| R65<br>R66  | Harmful: may cause lung damage if swallowed.   |
| R60<br>R67  | Repeated exposure may cause skin dryness or cracking.  |
| <b>K</b> 07 | Vapours may cause drowsiness and dizziness.  |
| · Departm   | ent issuing MSDS: R&D legislation and regulatory advisor   |
| · Contact:  | Mr. K. Smedeman  |
|             | tions and acronyms:  |
|             | rd européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International |
|             | <sup>°</sup> Dangerous Goods by Road)<br>rnational Maritime Code for Dangerous Goods                                 |
|             | national Air Transport Association   |
|             | ally Harmonised System of Classification and Labelling of Chemicals  |
|             | uropean Inventory of Existing Commercial Chemical Substances   |
|             | uropean List of Notified Chemical Substances<br>ical Abstracts Service (division of the American Chemical Society)   |
|             | al concentration, 50 percent   |
|             | al dose, 50 percent  |
|             | 1: Flammable gases, Hazard Category 1<br>sol 1: Flammable aerosols, Hazard Category 1                                |
|             | C: Gases under pressure: Compressed gas  |
|             | 2: Flammable liquids, Hazard Category 2  |
|             | (Contd.on page   |

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 4

Revision: 02.06.2015

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 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2 Asp. Tox. 1: Aspiration hazard, Hazard Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2 • \* Data compared to the previous version altered. (Contd. of page 11)

GR