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

1.1 Product identifier

Trade name: Barrier coat primer GL
Registration number (REACH): not relevant (mixture)
Other means of identification: Item code 1277/GL

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

Relevant identified uses: industrial use
paint related material

1.3 Details of the supplier of the safety data sheet

DISTRISERV
43 Rue Michel Gachet
13007 Marseille
France

Telephone: +33 (0) 9 79 58 61 00
e-mail: contact@seahawkpaints.eu

1.4 Emergency telephone number

Emergency information service: Austria: +431 406 43 43;
Belgium: +070 245 245 (7/7 24/24);
Bulgaria: +359 2 9154 409;
Czech republic: +420 224 919 293, +420 224 915 402;
Denmark: 82 12 12 12;
Estonia: tel nationally 16662, from abroad (+372) 626 93 90;
Finland: (09) 471 977 (direct) or (09) 4711 (exchange);
France: +33 (0) 1 45 42 59 59 (7/7 24/24);
Germany: 030/19240;
Hungary: +36 1 476 6464;
Ireland: 01 8092566 or 01 8379964;
Italie: 0659943733;
Lithuania: 370 5 236 20 52 ou 370 687 53 378;
Malta: 2545 0000;
Netherlands: 030-2748888;
New Zealand: 0800 764 766 or 0800 611 116;
Norway: + 47 810 20 050;
Portugal: 808 250 143;
Romania: 021.318.36.06;
Slovakia: 421 2 5477 4166;
Spain: + 34 91 562 04 20;
Sweden: 112 ou 08-331231.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

GHS chapter - Hazard class and category - Hazard statement code(s)
For full text of H-phrases: see SECTION 16.

Indication(s) of danger - Symbol codes - R-phrases

The product is combustible and can be ignited by potential ignition sources. Spillage and fire water can cause pollution of watercourses.

2.6 flammable liquids Cat. 3 (Flam. Liqu. 3) H226
3.2 skin corrosion/irritation Cat. 2 (Skin Irrit. 2) H315
3.6 carcinogenicity Cat. 1B (Carc. 1B) H350
4.1C hazardous to the aquatic environment - chronic hazard Cat. 2 (Aquatic Chronic 2) H411

Remarks
For full text of H-phrases: see SECTION 16.

Classification according to Directive 1999/45/EC (DPD)

Indication(s) of danger - Symbol codes - R-phrases

flammable R10
harmful Xn; R20/21
irritant Xi; R38
carcinogenic Carc. Cat. 2; R45
dangerous for the environment N; R51-53

Remarks
For full text of R-phrases: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources. Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word Danger

Pictograms

GHS02, GHS07, GHS08, GHS09

Hazard statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H350 May cause cancer.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

Precautionary statements - prevention

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements - response

P302+P352 IF ON SKIN: Wash with plenty of water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313 IF exposed or concerned: get medical advice/attention.
P332+P313 If skin irritation occurs: get medical advice/attention.
P362 Take off contaminated clothing.
P370+P378 In case of fire: Use foam to extinguish - never use water.
P391 Collect spillage.

Precautionary statements - storage

P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Precautionary statements - disposal

P501 Dispose of contents/container to industrial combustion plant.

Hazardous ingredients for labelling: strontium chromate

2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

<table>
<thead>
<tr>
<th>Name of sub-stance</th>
<th>Identifier</th>
<th>wt%</th>
<th>Classification acc. to 1272/2008/EC</th>
<th>Pictograms</th>
<th>Classification acc. to 67/548/EEC</th>
<th>Symbols</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>CAS No 1330-20-7 EC No 215-535-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>≥ 50 - &lt; 75</td>
<td>Flam. Liq. 3 / H226 Acute Tox. 4 / H312 Acute Tox. 4 / H332 Skin Irrit. 2 / H315</td>
<td></td>
<td>flammable; R10 harmful; Xn; R20/21 irritant; Xi; R38</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>zinc oxide</td>
<td>CAS No 1314-13-2 EC No 215-222-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>≥ 5 - &lt; 10</td>
<td>Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410</td>
<td></td>
<td>dangerous for the environment; N; R50-53</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>strontium chromate</td>
<td>CAS No 7789-06-2 EC No 232-142-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>≥ 5 - &lt; 10</td>
<td>Acute Tox. 4 / H302 Carc. 1B / H350 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410</td>
<td></td>
<td>harmful; Xn; R22 carcinogenic; Carc. Cat. 2; R45 dangerous for the environment; N; R50-53</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ethylbenzene</td>
<td>CAS No 100-41-4 EC No 202-849-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt; 1</td>
<td>Flam. Liq. 2 / H225 Acute Tox. 4 / H332</td>
<td></td>
<td>highly flammable; F; R11 harmful; Xn; R20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1 Description of first aid measures

General notes
Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation
If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact
Wash with plenty of soap and water.

Following eye contact
Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion
Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed
none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO2)

Unsuitable extinguishing media
water jet

5.2 Special hazards arising from the substance or mixture
In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products
nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO2)

5.3 Advice for firefighters
In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Remove persons to safety.

For emergency responders
Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions
Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

Advises on how to contain a spill
Covering of drains.

Advises on how to clean up a spill
Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques
Use of adsorbent materials.

Other information relating to spills and releases
Place in appropriate containers for disposal. Ventilate affected area.

Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

• Measures to prevent fire as well as aerosol and dust generation
Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

• Warning
Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene
Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.
### 7.2 Conditions for safe storage, including any incompatibilities

**Managing of associated risks**

- **Explosive atmospheres**
  
  Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- **Flammability hazards**
  
  Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

**Incompatible substances or mixtures**

Observe hints for combined storage.

**Consideration of other advice**

- **Ventilation requirements**
  
  Use local and general ventilation. Ground/bond container and receiving equipment.

- **Packaging compatibilities**
  
  Only packagings which are approved (e.g. acc. to ADR) may be used.

### 7.3 Specific end use(s)

See section 16 for a general overview.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

**National limit values**

**Occupational exposure limit values (Workplace Exposure Limits)**

<table>
<thead>
<tr>
<th>Country</th>
<th>Name of agent</th>
<th>CAS No</th>
<th>Identifier</th>
<th>TW A [ppm]</th>
<th>TWA [mg/m³]</th>
<th>STEL [ppm]</th>
<th>STEL [mg/m³]</th>
<th>Source</th>
<th>wt%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>IOELV</td>
<td>100</td>
<td>442</td>
<td>200</td>
<td>884</td>
<td>2000/39/EC</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>EU</td>
<td>xylene</td>
<td>1330-20-7</td>
<td>IOELV</td>
<td>50</td>
<td>221</td>
<td>100</td>
<td>442</td>
<td>2000/39/EC</td>
<td>≥ 50 - &lt; 75</td>
</tr>
<tr>
<td>UK</td>
<td>chromium (VI) compounds</td>
<td>7789-06-2</td>
<td>WEL</td>
<td>0.05</td>
<td></td>
<td></td>
<td></td>
<td>EH40/200 5</td>
<td>≥ 5 - &lt; 10</td>
</tr>
<tr>
<td>UK</td>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>WEL</td>
<td>100</td>
<td>441</td>
<td>125</td>
<td>552</td>
<td>EH40/200 5</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>UK</td>
<td>xylene, mixed isomers</td>
<td>1330-20-7</td>
<td>WEL</td>
<td>50</td>
<td>220</td>
<td>100</td>
<td>441</td>
<td>EH40/200 5</td>
<td>≥ 50 - &lt; 75</td>
</tr>
</tbody>
</table>

**Notation**

- **STEL**: Short-term exposure limit; a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

- **TWA**: Time-weighted average (long-term exposure limit); measured or calculated in relation to a reference period of 8 hours time-weighted average.
Biological limit values

<table>
<thead>
<tr>
<th>Country</th>
<th>Name of agent</th>
<th>Parameter</th>
<th>Notation</th>
<th>Identifier</th>
<th>Value</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>xylene</td>
<td>methyl/hippuric acids</td>
<td>crea</td>
<td>BMGV</td>
<td>650 mmol/mol</td>
<td>EH40/2005</td>
</tr>
</tbody>
</table>

Notation
crea Creatinine

Relevant DNELs/DMELs/PNECs and other threshold levels

• relevant DNELs of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>End-point</th>
<th>Threshold level</th>
<th>Protection goal, route of exposure</th>
<th>Used in</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>zinc oxide</td>
<td>1314-13-2</td>
<td>DNEL</td>
<td>83 mg/kg</td>
<td>human, dermal</td>
<td>worker (industry)</td>
<td>chronic - systemic effects</td>
</tr>
<tr>
<td>zinc oxide</td>
<td>1314-13-2</td>
<td>DNEL</td>
<td>5 mg/m³</td>
<td>human, inhalatory</td>
<td>worker (industry)</td>
<td>chronic - systemic effects</td>
</tr>
</tbody>
</table>

• relevant PNECs of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>End-point</th>
<th>Threshold level</th>
<th>Organism</th>
<th>Environmental compartment</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>zinc oxide</td>
<td>1314-13-2</td>
<td>PNEC</td>
<td>20.6 µg/l</td>
<td>aquatic organisms</td>
<td>freshwater</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>zinc oxide</td>
<td>1314-13-2</td>
<td>PNEC</td>
<td>6.1 µg/l</td>
<td>aquatic organisms</td>
<td>marine water</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>zinc oxide</td>
<td>1314-13-2</td>
<td>PNEC</td>
<td>100 µg/l</td>
<td>microorganisms</td>
<td>sewage treatment plant (STP)</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>zinc oxide</td>
<td>1314-13-2</td>
<td>PNEC</td>
<td>117.8 mg/kg</td>
<td>benthic organisms</td>
<td>sediments</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>zinc oxide</td>
<td>1314-13-2</td>
<td>PNEC</td>
<td>56.5 mg/kg</td>
<td>pelagic organisms</td>
<td>sediments</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>zinc oxide</td>
<td>1314-13-2</td>
<td>PNEC</td>
<td>35.6 mg/kg</td>
<td>terrestrial organisms</td>
<td>soil</td>
<td>short-term (single instance)</td>
</tr>
</tbody>
</table>

8.2 Exposure controls
Appropriate engineering controls
General ventilation.
Individual protection measures (personal protective equipment)

Eye/face protection
Wear eye/face protection.
Skin protection

- **hand protection**
  Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- **other protection measures**
  Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

**Respiratory protection**
In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls**
Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

### SECTION 9: Physical and chemical properties

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

**Appearance**
- **Physical state**: liquid
- **Colour**: yellow
- **Odour**: characteristic

**Other physical and chemical parameters**
- **pH (value)**: not determined
- **Melting point/freezing point**: not determined
- **Initial boiling point and boiling range**: not determined
- **Flash point**: 27 °C (determination of flash point - rapid equilibrium closed cup method)
- **Evaporation rate**: not determined
- **Flammability (solid, gas)**: not relevant (fluid)
- **Explosive limits**: not determined
- **Vapour pressure**: 5.1 mmHG at 25 °C
- **Density**: 9.7 - 9.8
- **Solubility(ies)**: not determined
- **Partition coefficient**: not determined
- **n-octanol/water (log KOW)**: This information is not available.
- **Auto-ignition temperature**: not determined
- **Viscosity**: not determined
- **Explosive properties**: none
- **Oxidising properties**: none
9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity
Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s): risk of ignition

• if heated
  risk of ignition

10.2 Chemical stability
See below "Conditions to avoid".

10.3 Possibility of hazardous reactions
No known hazardous reactions.

10.4 Conditions to avoid
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Hints to prevent fire or explosion
Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.  
Physical stresses which might result in a hazardous situation and have to be avoided
  strong shocks

10.5 Incompatible materials
There is no additional information.

10.6 Hazardous decomposition products
Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Test data are not available for the complete mixture.

Classification procedure
The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity
Shall not be classified as acutely toxic.

• Acute toxicity of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Exposure route</th>
<th>ATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>dermal</td>
<td>1,100</td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>inhalation: vapour</td>
<td>11</td>
</tr>
<tr>
<td>strontium chromate</td>
<td>7789-06-2</td>
<td>oral</td>
<td>500</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>inhalation: vapour</td>
<td>11</td>
</tr>
</tbody>
</table>
Causes skin irritation.
Should not be classified as a respiratory or skin sensitiser.
May cause cancer.
Should not be classified as germ cell mutagenic.
Should not be classified as a reproductive toxicant.
Should not be classified as a specific target organ toxicant.
Should not be classified as presenting an aspiration hazard.

Toxic to aquatic life.
May cause long-term adverse effects in the aquatic environment.

Data are not available.

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Exposure route</th>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;5000 mg/kg</td>
<td>rat</td>
<td></td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>dermal</td>
<td>LD50</td>
<td>&gt;2000 mg/kg</td>
<td>rat</td>
<td></td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Causes skin irritation.

Respiratory or skin sensitisation
Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties
May cause cancer.
Shall not be classified as germ cell mutagenic.
Shall not be classified as a reproductive toxicant.

Specific target organ toxicity (STOT)
Shall not be classified as a specific target organ toxicant.

Aspiration hazard
Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity
Toxic to aquatic life.

Aquatic toxicity (acute)

Aquatic toxicity (acute) of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>EC50</td>
<td>2.6 mg/l</td>
<td>aquatic invertebrates</td>
<td>48 hours</td>
</tr>
</tbody>
</table>

Aquatic toxicity (chronic)
May cause long-term adverse effects in the aquatic environment.

Aquatic toxicity (chronic) of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc oxide</td>
<td>1314-13-2</td>
<td>EC50</td>
<td>0.19 mg/l</td>
<td>aquatic invertebrates</td>
<td>24 h</td>
</tr>
</tbody>
</table>

12.2 Process of degradability
Data are not available.

12.3 Bioaccumulative potential
Data are not available.
12.4 Mobility in soil
Data are not available.

12.5 Results of PBT and vPvB assessment
Data are not available.

12.6 Other adverse effects
Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information
Solvent reclamation/regeneration.

Sewage disposal-relevant information
Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings
It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

13.2 Relevant provisions relating to waste

Properties of waste which render it hazardous
H 3-B 'Flammable': liquid substances and preparations having a flash point equal to or greater than 21 °C and less than or equal to 55 °C.

13.3 Remarks
Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number
1263

14.2 UN proper shipping name
PAINT RELATED MATERIAL

14.3 Transport hazard class(es)
Class
3 (flammable liquids)

14.4 Packing group
III (substance presenting low danger)

14.5 Environmental hazards
hazardous to the aquatic environment (zinc oxide)

14.6 Special precautions for user
Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
The cargo is not intended to be carried in bulk.
14.8 Information for each of the UN Model Regulations

- **Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)**
  - UN number: 1263
  - Proper shipping name: PAINT RELATED MATERIAL
  - Class: 3
  - Classification code: F1
  - Packing group: III
  - Danger label(s): 3 + "fish and tree"
  - Environmental hazards: yes (hazardous to the aquatic environment)
  - Special provisions (SP): 163, 367, 640E, 650
  - Excepted quantities (EQ): E1
  - Limited quantities (LQ): 5 L
  - Transport category (TC): 3
  - Tunnel restriction code (TRC): D/E
  - Hazard identification No: 30

- **International Maritime Dangerous Goods Code (IMDG)**
  - UN number: 1263
  - Proper shipping name: PAINT RELATED MATERIAL
  - Class: 3
  - Subsidiary risk(s): -
  - Marine pollutant: yes (hazardous to the aquatic environment)
  - Packing group: III
  - Danger label(s): 3 + "fish and tree"
  - Special provisions (SP): 163, 223, 955
  - Excepted quantities (EQ): E1
  - Limited quantities (LQ): 5 L
  - EmS: F-E, S-E
  - Stowage category: E

- **International Civil Aviation Organization (ICAO-IATA/DGR)**
  - UN number: 1263
  - Proper shipping name: Paint related material
  - Class: 3
  - Environmental hazards: yes (hazardous to the aquatic environment)
  - Packing group: III
  - Danger label(s): 3
SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

15.1.1. Limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (2004/42/EC, Deco-Paint Directive)

VOC content 594 g/l

National regulations (Austria)

• Ordinance on combustible liquids (VbF)

VbF (group and hazard class):

This Regulation shall not apply:

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

<table>
<thead>
<tr>
<th>Abbr.</th>
<th>Descriptions of used abbreviations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox.</td>
<td>acute toxicity</td>
</tr>
<tr>
<td>ADN</td>
<td>Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)</td>
</tr>
<tr>
<td>ADR</td>
<td>Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
</tr>
<tr>
<td>Aquatic Acute</td>
<td>hazardous to the aquatic environment - acute hazard</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>hazardous to the aquatic environment - chronic hazard</td>
</tr>
<tr>
<td>ATE</td>
<td>Acute Toxicity Estimate</td>
</tr>
<tr>
<td>Carc.</td>
<td>carcinogenicity</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
</tr>
<tr>
<td>CLP</td>
<td>Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures</td>
</tr>
<tr>
<td>CMR</td>
<td>Carcinogenic, Mutagenic or toxic for Reproduction</td>
</tr>
<tr>
<td>DMEL</td>
<td>Derived Minimal Effect Level</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No-Effect Level</td>
</tr>
<tr>
<td>DPD</td>
<td>Dangerous Preparations Directive (1999/45/EC)</td>
</tr>
<tr>
<td>EC No</td>
<td>The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)</td>
</tr>
</tbody>
</table>
Safety Data Sheet

**barrier coat primer GL**

Version number: GHS 1.0

Date of compilation: 2015-01-27

### Abbr. | Descriptions of used abbreviations
---|---
EmS | Emergency Schedule
F+ | extremely flammable
Flam. Liq. | flammable liquid
GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO | International Civil Aviation Organization
IMDG | International Maritime Dangerous Goods Code
MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
N | dangerous for the environment
PBT | Persistent, Bioaccumulative and Toxic
PNEC | Predicted No-Effect Concentration
ppm | parts per million
REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals
RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr. | corrosive to skin
Skin Irrit. | irritant to skin
VbF | ordinance on combustible liquids (Austria)
VOC | Volatile Organic Compounds
vPvB | very Persistent and very Bioaccumulative
Xi | irritant
Xn | harmful

**Key literature references and sources for data**
- Supplier
- CLP (annexe VI and/or notification)
- ECHA

**Classification procedure**
Physical and chemical properties: The classification is based on tested mixture.
Health hazards/environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**List of relevant phrases (code and full text as stated in chapter 2 and 3)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>H225</td>
<td>highly flammable liquid and vapour</td>
</tr>
<tr>
<td>H226</td>
<td>flammable liquid and vapour</td>
</tr>
<tr>
<td>H302</td>
<td>harmful if swallowed</td>
</tr>
<tr>
<td>H312</td>
<td>harmful in contact with skin</td>
</tr>
<tr>
<td>H315</td>
<td>causes skin irritation</td>
</tr>
</tbody>
</table>
This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Written by NATURAKEM (www.naturakem.fr).