SAFETY DATA SHEET
Subli Glaze Clear Sublimation Coating

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

1.1. Product identifier
Product name Subli Glaze Clear Sublimation Coating

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses PC9a Coatings and paints, thinners, paint removers

1.3. Details of the supplier of the safety data sheet
Supplier Sole Juice Ltd. Unit 15 Aspen Court, Centurion Business Park, Bessemer Way, Rotherham, United Kingdom, S60 1FB.
www.subliglaze.com
+44 (0)1709 296 366
+44 (0)1709 718 661
info@SoleJuice.com

1.4. Emergency telephone number
Emergency telephone +44 (0)1709 296 366 (Monday to Friday, 9am to 5pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards Aerosol 1 - H222, H229
Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards Not Classified

Human health Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Environmental The product is not expected to be hazardous to the environment.

Physicochemical Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

2.2. Label elements

Pictogram

Signal word Danger

Hazard statements H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
Subli Glaze Clear Sublimation Coating

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P271 Use only outdoors or in a well-ventilated area.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P260 Do not breathe vapour/ spray.
P262 Do not get in eyes, on skin, or on clothing.
P102 Keep out of reach of children.
P501 Dispose of contents/ container in accordance with local regulations.

Contains

ACETONE, BUTYL ACETATE -norm, BUTANONE, PROPAN-2-OL, SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>DIMETHYL ETHER</th>
<th>30-60%</th>
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<tbody>
<tr>
<td>CAS number: 115-10-6</td>
<td>EC number: 204-065-8</td>
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<td>REACH registration number: 01-2119472128-37-XXXX</td>
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</table>

<table>
<thead>
<tr>
<th>Classification</th>
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</thead>
<tbody>
<tr>
<td>Flam. Gas 1 - H220</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ACETONE</th>
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<tbody>
<tr>
<td>CAS number: 67-64-1</td>
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<tr>
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<thead>
<tr>
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<tbody>
<tr>
<td>Flam. Liq. 2 - H225</td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BUTYL ACETATE -norm</th>
<th>5-10%</th>
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<tr>
<td>CAS number: 123-86-4</td>
<td>EC number: 204-658-1</td>
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<td>REACH registration number: 01-2119485493-29</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Flam. Liq. 3 - H226</td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
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</table>
# Subli Glaze Clear Sublimation Coating

## BUTANONE

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<tr>
<th>CAS number: 78-93-3</th>
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**Classification**
- Flam. Liq. 2 - H225
- Eye Irrit. 2 - H319
- STOT SE 3 - H336

## XYLENE

<table>
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<tr>
<th>CAS number: 1330-20-7</th>
<th>EC number: 215-535-7</th>
<th>REACH registration number: 01-2119488216-32-XXXX</th>
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</table>

**Classification**
- Flam. Liq. 3 - H226
- Acute Tox. 4 - H312
- Acute Tox. 4 - H332
- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319
- STOT SE 3 - H335
- STOT RE 2 - H373
- Asp. Tox. 1 - H304
- Aquatic Chronic 3 - H412

## 2-(2-BUTOXYETHOXY)ETHANOL

<table>
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<tr>
<th>CAS number: 112-34-5</th>
<th>EC number: 203-961-6</th>
<th>REACH registration number: 01-2119475104-44</th>
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**Classification**
- Eye Irrit. 2 - H319

## SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA

<table>
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<th>EC number: 265-199-0</th>
<th>REACH registration number: 01-2119486773-24</th>
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**Classification**
- Flam. Liq. 3 - H226
- STOT SE 3 - H335, H336
- Asp. Tox. 1 - H304
- Aquatic Chronic 2 - H411
Subli Glaze Clear Sublimation Coating

**PROPA-2-OL** 1-5%
CAS number: 67-63-0  EC number: 200-661-7  REACH registration number: 01-2119457558-25

<table>
<thead>
<tr>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 2 - H225</td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
</tr>
</tbody>
</table>

The full text for all hazard statements is displayed in Section 16.

**SECTION 4: First aid measures**

4.1. Description of first aid measures

**General information**  Move affected person to fresh air at once.

**Inhalation**  If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

**Ingestion**  Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

**Skin contact**  Remove contaminated clothing immediately and wash skin with soap and water.

**Eye contact**  Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

**General information**  The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

**Notes for the doctor**  Treat symptomatically.

**SECTION 5: Firefighting measures**

5.1. Extinguishing media

**Suitable extinguishing media**  Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

**Specific hazards**  Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

5.3. Advice for firefighters

**Protective actions during firefighting**  Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

**SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**  Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

6.2. Environmental precautions
Subli Glaze Clear Sublimation Coating

Environmental precautions
Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

6.4. Reference to other sections
Reference to other sections
For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Usage precautions
Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

7.2. Conditions for safe storage, including any incompatibilities
Storage precautions
Extremely flammable. Keep away from heat, sparks and open flame. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)
Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters
Occupational exposure limits

DIMETHYL ETHER
Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m³

ACETONE
Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³
Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

BUTYL ACETATE -norm
Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³
Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

BUTANONE
Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 600 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 899 mg/m3(Sk)

XYLENE
Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³
Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³

Sk

2-(2-BUTOXYETHOXY)ETHANOL
Long-term exposure limit (8-hour TWA): 10 ppm 67.5 mg/m³
Short-term exposure limit (15-minute): 15 ppm 101.2 mg/m³

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA
Subli Glaze Clear Sublimation Coating

Long-term exposure limit (8-hour TWA): SUP 600 mg/m³
Long-term exposure limit (8-hour TWA): WEL 50 ppm

**PROPAN-2-OL**

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³
WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

**Ingredient comments**

WEL = Workplace Exposure Limits

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**DIMETHYL ETHER (CAS: 115-10-6)**

DNEL

Workers - Inhalation; Long term systemic effects: 1894 mg/m³
Consumer - Inhalation; Long term systemic effects: 471 mg/m³

PNEC

- Fresh water; 0.155 mg/l
- Marine water; 0.016 mg/l
- Water, Intermittent release; 1.549 mg/l
- Water, STP; 160 mg/l
- Sediment (Freshwater); 0.681 mg/l
- Sediment (Marinewater); 0.069 mg/l
- Soil; 0.045 mg/l

**BUTYL ACETATE -norm (CAS: 123-86-4)**

DNEL

Workers - Inhalation; Short term systemic effects: 960 mg/m³
Workers - Inhalation; Short term local effects: 960 mg/m³
Workers - Inhalation; Long term systemic effects: 480 mg/m³
Workers - Inhalation; Long term local effects: 480 mg/m³
General population - Inhalation; Short term systemic effects: 859.7 mg/m³
General population - Inhalation; Short term local effects: 859.7 mg/m³
Workers - Inhalation; Long term systemic effects: 102.34 mg/m³
General population - Inhalation; Long term local effects: 102.34 mg/m³

PNEC

- Fresh water; 0.18 mg/l
- Marine water; 0.18 mg/l
- Intermittent release; 0.36 mg/l
- STP; 35.6 mg/l
- Sediment (Freshwater); 0.981 mg/kg
- Sediment (Marinewater); 0.0981 mg/l
- Soil; 0.0903 mg/kg

**XYLENE (CAS: 1330-20-7)**

Biological limit values

650 mmol/mol creatinine Medium : urine.
Sampling time: post-shift.
Parameter: methylhippuric acid.

DNEL

Consumer - Oral; Long term systemic effects: 12.5 mg/kg/day
Consumer - Dermal; Long term systemic effects: 1872 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 65.3 mg/m³
Consumer - Inhalation; Short term : 260 mg/m³
Industry - Dermal; Long term systemic effects: 3182 mg/kg/day
Industry - Inhalation; Long term systemic effects: 221 mg/m³
Industry - Inhalation; Short term : 442 mg/m³
Subli Glaze Clear Sublimation Coating

**PNEC**

This product is a UVCB substance and its composition will be variable, so reported properties may vary or require a range of values to describe them.
- Fresh water; 0.327 mg/l
- Marine water; 0.327 mg/l
- Intermittent release; 0.327 mg/l
- STP; 6.58 mg/l
- Sediment (Freshwater); 12.46 mg/kg
- Sediment (Marinewater); 12.46 mg/kg
- Soil; 2.31 mg/kg

**2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)**

**DNEL**

Industry - Inhalation; Short term : 101.2 mg/m³
Industry - Dermal; Long term : 20 mg/kg/day
Industry - Inhalation; Long term : 67.5 mg/m³
Consumer - Inhalation; Short term : 50.6 mg/cm²
Consumer - Dermal; Long term : 10 mg/kg/day
Consumer - Inhalation; Long term : 34 mg/m³
Consumer - Oral; Long term : 1.25 mg/kg/day

**PNEC**

- Fresh water; 1 mg/l
- Marine water; 0.1 mg/l
- Sediment; 4 mg/kg
- Soil; 0.4 mg/kg

**PROPAN-2-OL (CAS: 67-63-0)**

**DNEL**

Industry - Dermal; Long term systemic effects: 888 mg/kg/day
Industry - Inhalation; Long term systemic effects: 500 mg/m³
Consumer - Dermal; Long term systemic effects: 319 mg/kg/day
Consumer - Dermal; Long term systemic effects: 26 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 89 mg/m³

**PNEC**

- Fresh water; 140.9 mg/l
- Marine water; 140.9 mg/l
- Intermittent release; 140.9 mg/l
- Sediment (Freshwater); 552 mg/kg
- Sediment (Marinewater); 552 mg/kg
- STP; 2251 mg/l
- Soil; 28 mg/kg

**SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA (CAS: 64742-95-6)**

**DNEL**

Industry, Workers - Inhalation; Long term systemic effects: 150 mg/m³
Consumer - Inhalation; Long term systemic effects: 32 mg/m³

8.2. Exposure controls

**Appropriate engineering controls**

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

**Personal protection**

When using do not smoke.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
Subli Glaze Clear Sublimation Coating

Hand protection
Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Hygiene measures
Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. Wash hands thoroughly after handling.

Respiratory protection
If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Organic solvents</td>
</tr>
<tr>
<td>Melting point</td>
<td>-141.5 at 1013 hPa°C</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>-24.8°C @ 1013 hPa</td>
</tr>
<tr>
<td>Flash point</td>
<td>&lt; -41°C</td>
</tr>
<tr>
<td>Upper/lower flammability</td>
<td>Lower flammable/explosive limit: 3.4% Upper flammable/explosive limit: 26.2%</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>5132.9 hPa @ °C</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>45.6 g/l water @ 25°C</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Pow: 0.07</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>350°C</td>
</tr>
<tr>
<td>Comments</td>
<td>Information given is applicable to the major ingredient.</td>
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</table>

9.2. Other information

- Not available.
- Molecular weight: 46.07 g/mol
- Volatile organic compound: This product contains a maximum VOC content of 690 g/l.

SECTION 10: Stability and Reactivity

10.1. Reactivity

Reactivity: Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stability: Avoid the following conditions: Heat, sparks, flames.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: Does not decompose when used and stored as recommended.

10.4. Conditions to avoid

Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.
## Subli Glaze Clear Sublimation Coating

### 10.5. Incompatible materials
**Materials to avoid**
Keep away from oxidising materials, heat and flames.

### 10.6. Hazardous decomposition products
**Hazardous decomposition products**
Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity - dermal</th>
<th>ATE dermal (mg/kg)</th>
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<table>
<thead>
<tr>
<th>Acute toxicity - inhalation</th>
<th>ATE inhalation (gases ppm)</th>
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<tbody>
<tr>
<td>ATE inhalation (vapours mg/l)</td>
<td>617.58</td>
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**General information**
Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Inhalation**
In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

**Skin contact**
Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

**Eye contact**
Vapour or spray in the eyes may cause irritation and smarting.

**Acute and chronic health hazards**
Arrhythmia (deviation from normal heart beat). Vapours may cause headache, fatigue, dizziness and nausea. Narcotic effect.

**Route of exposure**
Inhalation

**Target organs**
Central nervous system Respiratory system, lungs

**Medical symptoms**
Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness.

#### Toxicological information on ingredients.

**DIMETHYL ETHER**

<table>
<thead>
<tr>
<th>Acute toxicity - Inhalation</th>
<th>Acute toxicity inhalation (LC₅₀ gases ppmV)</th>
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<tbody>
<tr>
<td>Species</td>
<td>Rat</td>
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</table>

<table>
<thead>
<tr>
<th>Acute toxicity inhalation (LC₅₀ dust/mist mg/l)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ATE inhalation (gases ppm)</th>
<th>164,000.0</th>
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</thead>
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<tr>
<td>ATE inhalation (dusts/mists mg/l)</td>
<td>308.0</td>
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</tbody>
</table>
Subli Glaze Clear Sublimation Coating

ACETONE

Acute toxicity - oral
Acute toxicity oral (LD₅₀ mg/kg) 5,800.0
Species Rat

Acute toxicity - dermal
Acute toxicity dermal (LD₅₀ mg/kg) 7,426.0
Species Guinea pig

Acute toxicity - inhalation
Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 76.0
Species Rat

Serious eye damage/irritation
Serious eye damage/irritation Rabbit This product may cause skin and eye irritation. 24 hours

Respiratory sensitisation
Respiratory sensitisation Repeated exposure may cause skin dryness or cracking. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Skin sensitisation
Skin sensitisation - Rabbit: Mild skin irritation - 24 h

Germ cell mutagenicity
Genotoxicity - in vivo: No data available.

Carcinogenicity
Carcinogenicity There is no evidence that the product can cause cancer.

Specific target organ toxicity - single exposure
STOT - single exposure Narcotic effect. Vapours may cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure No data available.

Aspiration hazard
Aspiration hazard Data lacking.

BUTYL ACETATE - norm

Acute toxicity - oral
Acute toxicity oral (LD₅₀ mg/kg) 10,700.0
Species Rat
Subli Glaze Clear Sublimation Coating

ATE oral (mg/kg) 10,700.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 17,600.0
Species Rabbit
ATE dermal (mg/kg) 17,600.0

XYLENE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,523.0
Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 12,126.0
Species Rabbit
ATE dermal (mg/kg) 1,100.0

Acute toxicity - Inhalation

Acute toxicity inhalation (LC₅₀ gases ppmV) 5,000.0
Species Rat
Acute toxicity inhalation (LC₅₀ vapours mg/l) 27.124
Species Rat
ATE inhalation (gases ppm) 5,000.0
ATE inhalation (vapours mg/l) 27.124

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

2-(2-BUTOXYETHOXY)ETHANOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 6,050.0
Species Rat
ATE oral (mg/kg) 6,050.0

PROPAN-2-OL
**Subli Glaze Clear Sublimation Coating**

**Acute toxicity oral (LD₅₀ mg/kg)**
- Species: Rat
- Notes (oral LD₅₀): Low order of acute toxicity.
- Value: 5,840.0

**Acute toxicity dermal (LD₅₀ mg/kg)**
- Species: Rabbit
- Notes (dermal LD₅₀): Low order of acute toxicity.
- Value: 16.4

**Acute toxicity - inhalation**
- Notes (inhalation LC₅₀): 6 hours.

**Skin corrosion/irritation**
- Animal data: Not irritating.

**Respiratory sensitisation**
- Respiratory sensitisation: Not available.

**Germ cell mutagenicity**
- Genotoxicity - in vitro: Negative.

**Reproductive toxicity**
- Reproductive toxicity - fertility: No evidence of reproductive toxicity in animal studies.

**Inhalation**
- Drowsiness, dizziness, disorientation, vertigo.

**Ingestion**
- No specific health hazards known.

**Skin contact**
- No specific health hazards known.

**Eye contact**
- Irritating to eyes.

### SECTION 12: Ecological Information

**Ecotoxicity**
- No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

**Ecological information on ingredients.**

**XYLENE**
- Ecotoxicity: The product is not expected to be hazardous to the environment.

**PROPAN-2-OL**
- Ecotoxicity: The product is not expected to be hazardous to the environment.

**12.1. Toxicity**
- Toxicity: Not available.
# Subli Glaze Clear Sublimation Coating

## DIMETHYL ETHER

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀, 96 hours: &gt;4000 mg/l, Poecilia reticulata (Guppy)</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>EC₅₀, 48 hours: &gt;4000 mg/l, Daphnia magna</td>
</tr>
<tr>
<td></td>
<td>LC₅₀, 48 hours: 755494 mg/l, Daphnia magna</td>
</tr>
</tbody>
</table>

## ACETONE

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀, 96 hours: 5540 mg/l, Oncorhynchus mykiss (Rainbow trout)</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>EC₅₀, 48 hours: 13500 mg/l, Daphnia magna</td>
</tr>
</tbody>
</table>

## BUTYL ACETATE -norm

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀, 96 hours: 100 mg/l, Lepomis macrochirus (Bluegill)</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>EC₅₀, 24 hours: 72.8-205 mg/l, Daphnia magna</td>
</tr>
<tr>
<td></td>
<td>EC₅₀, 48 hours: 44 mg/l, Daphnia magna</td>
</tr>
<tr>
<td>Acute toxicity - aquatic plants</td>
<td>EC₅₀, 72 hours: 674.7 mg/l, Desmodesmus subspicatus</td>
</tr>
</tbody>
</table>

## XYLENE

<table>
<thead>
<tr>
<th>Toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute aquatic toxicity</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀, 96 hours: 2.6 mg/l, Oncorhynchus mykiss (Rainbow trout)</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>IC₅₀, 24 hours: 1 mg/l, Daphnia magna</td>
</tr>
<tr>
<td>Acute toxicity - aquatic plants</td>
<td>EC₅₀, 73 hours: 2.2 mg/l, Pseudokirchneriella subcapitata</td>
</tr>
<tr>
<td>Chronic aquatic toxicity</td>
<td>NOEC, 73 hours: 0.44 mg/l, Pseudokirchneriella subcapitata</td>
</tr>
</tbody>
</table>

## PROPA-N-2-OL

<table>
<thead>
<tr>
<th>Toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute aquatic toxicity</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>EC₅₀, 24 hours: &gt; 1000 mg/l, Daphnia magna</td>
</tr>
</tbody>
</table>

---
Subli Glaze Clear Sublimation Coating

Acute toxicity - aquatic plants
EC₅₀, 72 hours: > 1000 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms
EC₅₀: > 1000 mg/l, Activated sludge

12.2. Persistence and degradability
Persistence and degradability Not available.

Ecological information on ingredients.

ACETONE
Persistency and degradability No data available.

BUTYL ACETATE -norm
Biodegradation - 83%: 28 days

XYLENE
Persistency and degradability Not available.
Biodegradation - Degradation > 60%: 28 days

12.3. Bioaccumulative potential
Bioaccumulative potential Not available.
Partition coefficient Pow: 0.07

Ecological information on ingredients.

DIMETHYL ETHER
Partition coefficient Pow: 0.07

ACETONE
Bioaccumulative potential No data available on bioaccumulation.
Partition coefficient log Pow: -0.24

BUTYL ACETATE -norm
Partition coefficient Pow: 1.8

XYLENE
Bioaccumulative potential Not available.
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Partition coefficient  log Kow: < 3.2

**PROPAN-2-OL**

Bioaccumulative potential  Not available.

Partition coefficient  log Pow: 0.05

12.4. Mobility in soil

Mobility  Not known.

Ecological information on ingredients.

**DIMETHYL ETHER**

Adsorption/desorption coefficient  - Koc: 7759 @ °C

**ACETONE**

Mobility  No data available.

**XYLENE**

Mobility  Not known.

**PROPAN-2-OL**

Mobility  Not known.

Adsorption/desorption coefficient  Water - Koc: ~ 1.1 @ °C

Henry's law constant  0.00000338 atm m3/mol @ 25°C

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment  Not available.

Ecological information on ingredients.

**XYLENE**

Results of PBT and vPvB assessment  Not available.

**PROPAN-2-OL**

Results of PBT and vPvB assessment  Not available.

12.6. Other adverse effects

Other adverse effects  Not available.

Ecological information on ingredients.

**ACETONE**

Other adverse effects  Not available.
SECTION 13: Disposal considerations

13.1. Waste treatment methods

**General information**

Do not puncture or incinerate, even when empty.

**Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Empty containers must not be punctured or incinerated because of the risk of an explosion.

SECTION 14: Transport information

**General**

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

14.1. UN number

<table>
<thead>
<tr>
<th>UN No. (ADR/RID)</th>
<th>1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No. (IMDG)</td>
<td>1950</td>
</tr>
<tr>
<td>UN No. (ICAO)</td>
<td>1950</td>
</tr>
<tr>
<td>UN No. (ADN)</td>
<td>1950</td>
</tr>
</tbody>
</table>

14.2. UN proper shipping name

<table>
<thead>
<tr>
<th>Proper shipping name (ADR/RID)</th>
<th>AEROSOLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name (IMDG)</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Proper shipping name (ICAO)</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Proper shipping name (ADN)</td>
<td>AEROSOLS</td>
</tr>
</tbody>
</table>

14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>ADR/RID class</th>
<th>2.1</th>
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</thead>
<tbody>
<tr>
<td>ADR/RID classification code</td>
<td>5F</td>
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<tr>
<td>ADR/RID label</td>
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</tr>
<tr>
<td>IMDG class</td>
<td>2.1</td>
</tr>
<tr>
<td>ICAO class/division</td>
<td>2.1</td>
</tr>
<tr>
<td>ADN class</td>
<td>2.1</td>
</tr>
</tbody>
</table>
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Transport labels

14.4. Packing group

ADR/RID packing group None
IMDG packing group None
ADN packing group None
ICAO packing group None

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS F-D, S-U
ADR transport category 2
Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

SECTION 15: Regulatory information

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

National regulations
EH40/2005 Workplace exposure limits.
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EU legislation

Guidance
Workplace Exposure Limits EH40.
Safety Data Sheets for Substances and Preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments Revised formulation.
Revision date 28/11/2017
Revision 2
SDS number 21349

17/18
Subli Glaze Clear Sublimation Coating

SDS status

Approved.

Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated.
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.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.