

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/7

Subli Glaze Adhesion Promoter

Revision 2

Revision date 2015-10-23

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

1.1. Product identifier

| | |
|--------------|-------------------------------|
| Product name | Subli Glaze Adhesion Promoter |
|--------------|-------------------------------|

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

| | |
|-------------|----------------|
| Description | Paint Coating. |
|-------------|----------------|

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|---|
| Company | Sole Juice Ltd. Unit 15 Aspen Court, Centurion Business Park, |
| Address | Bessemer Way, Rotherham, United Kingdom, S60 1FB. |
| Web | www.subliglaze.com |
| Telephone | +44 (0)1709 296 366 |
| Fax | +44 (0)1709 718 661 |
| Email | info@SoleJuice.com |
| Email address of the competent person | andrew@solejuice.com |

1.4. Emergency telephone number

| | |
|----------------------------|------------------|
| Emergency telephone number | 1-352-323-3500 |
| Company | INFOTRAC 24HR |

Intended use


| | |
|--|-------------------------------------|
| | Pre-treatment for glass or ceramic. |
|--|-------------------------------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|--|
| 2.1.1. Classification - 1999/45/EC | R10-53-67 Symbols: Xn: Harmful. N: Dangerous for the environment. |
| Main hazards | Flammable. May cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness. |
| 2.1.2. Classification - EC 1272/2008 | Flam. Liq. 3: H226; Acute Tox. 4: H302; Skin Sens. 1: H317; Acute Tox. 4: H332; |

2.2. Label elements

| | |
|-------------------|--|
| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H302 - Harmful if swallowed. Skin Sens. 1: H317 - May cause an allergic skin reaction. Acute Tox. 4: H332 - Harmful if inhaled. |

Digicoat Adhesion Promoter

Revision 2

Revision date 2015-10-23

2.2. Label elements

| | |
|--|---|
| Precautionary Statement: Prevention | P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P370+P378 - In case of fire: Use foam/CO2 to extinguish. |
| Precautionary Statement: Storage | P403+P235 - Store in a well-ventilated place. Keep cool. |
| Precautionary Statement: Disposal | Dispose of this material and its container to hazardous or special waste collection point. |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|--|--------------|----------|-----------|---------------------------|----------------------------------|----------------|-----------|
| 1-Methoxy-2-propanol (1-Methoxypropan-2-ol) SILOXANE | 603-064-00-3 | 107-98-2 | 203-539-1 | | 40 - 50% R10 R67 40 - 50% R67 | | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|--|--------------|----------|-----------|---------------------------|----------------------|---|-----------|
| 1-Methoxy-2-propanol (1-Methoxypropan-2-ol) SILOXANE | 603-064-00-3 | 107-98-2 | 203-539-1 | | 40 - 50% 40 - 50% | Flam. Liq. 3: H226; STOT SE 3: H336; Acute Tox. 4: H302+H312; Skin Sens. 1: H317; Acute Tox. 4: H332; | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Irritating to respiratory system. |
| Eye contact | Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. |
| Skin contact | May cause irritation to skin. Remove contaminated clothing. |
| Ingestion | Harmful if swallowed. If swallowed, seek medical advice immediately and show this container or label. |

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

| | |
|---------------------|---|
| Inhalation | Coughing, difficulty in breathing and in severe cases, loss of consciousness. |
| Eye contact | Irritant, moderate eye. |
| Skin contact | Irritant, moderate skin. |
| Ingestion | Ingestion causes burns to the respiratory tract. |

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

| | |
|---------------------|--|
| Inhalation | Coughing, difficulty in breathing and in severe cases, loss of consciousness. |
| Eye contact | May cause severe irritation to eyes and skin. |
| Skin contact | After contact with skin, wash immediately with plenty of soap and water. |
| Ingestion | DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist. |

General information

Digicoat Adhesion Promoter

Revision 2

Revision date 2015-10-23

General information

Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Avoid formation of dust.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

6.2. Environmental precautions

Advise local authorities if large spills cannot be contained. Do not allow product to enter drains.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

6.4. Reference to other sections

Refer to sections 8 and 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Avoid sparks, flames, heat and sources of ignition. Do not breathe gas/fumes/vapour/spray.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a well-ventilated place. Keep out of the reach of children.

Suitable packaging

Mild steel containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

1-Methoxy-2-propanol
(1-Methoxypropan-2-ol)

WEL 8-hr limit ppm: 100

WEL 8-hr limit mg/m3: 375

WEL 15 min limit ppm: 150

WEL 15 min limit mg/m3: 560

WEL 8-hr limit mg/m3 total -
inhalable dust:

WEL 15 min limit mg/m3 total -
inhalable dust:

WEL 8-hr limit mg/m3 total -
respirable dust:

WEL 15 min limit mg/m3 total -
respirable dust:

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

Digicoat Adhesion Promoter

Revision 2

Revision date 2015-10-23

8.2. Exposure controls

| | |
|--|--|
| 8.2.2. Individual protection measures | Adopt best Manual Handling considerations when handling, carrying and dispensing. Apply a barrier cream before handling the product. Approved safety goggles. Chemical resistant clothing. |
| Eye / face protection | Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |
| Respiratory protection | Do not breathe gas/fumes/vapour/spray. Wear suitable respiratory equipment when necessary. |
| Occupational exposure controls | Appropriate local exhaust ventilation is required. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------|-------------------|
| Appearance | Liquid |
| Colour | Clear |
| Odour | Characteristic |
| Melting point | No data available |
| Initial boiling point | No data available |
| Flash point | 35 |
| Autoignition temperature | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |

Water solubility

| | |
|--|----------------------|
| | Immiscible in water. |
|--|----------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|--|-----------------|
| | Acids. Alkalis. |
|--|-----------------|

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

10.3. Possibility of hazardous reactions

| | |
|--|-----------------|
| | Acids. Alkalis. |
|--|-----------------|

10.4. Conditions to avoid

| | |
|--|---|
| | Avoid sparks, flames, heat and sources of ignition. Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

10.5. Incompatible materials

| | |
|--|-----------------|
| | Acids. Alkalis. |
|--|-----------------|

10.6. Hazardous decomposition products

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--|--|
| Skin corrosion/irritation | Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Irritating to skin. |
| Serious eye damage/irritation | Irritant, moderate eye. |
| Respiratory or skin sensitisation | Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system. |

11.1.4. Toxicological Information

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

11.1.7. Information on likely routes of exposure

Digicoat Adhesion Promoter

Revision 2

Revision date 2015-10-23

11.1.7. Information on likely routes of exposure

Inhalation. Skin contact.

11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

May cause severe irritation to skin, eyes and mucous membranes.

Further information

Harmful if swallowed or if inhaled. Harmful if swallowed or in contact with skin. Harmful if swallowed, in contact with skin or if inhaled.

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

Caution - substance not yet fully tested.

12.4. Mobility in soil

Do not let product contaminate subsoil.

12.5. Results of PBT and vPvB assessment

No data is available regarding the preparation itself.

12.6. Other adverse effects

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

Further information

Avoid release to the environment. Refer to special instructions/Safety data sheets.

SECTION 13: Disposal considerations

General information

Do not allow product to enter drains. Do not empty into drains.

Disposal methods

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. local and national regulations.

Disposal of packaging

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free).

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1263

14.2. UN proper shipping name

PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR/RID

3

Subsidiary risk

-

Digicoat Adhesion Promoter

Revision 2

Revision date 2015-10-23

| | |
|---|---------|
| 14.3. Transport hazard class(es) | |
| IMDG | 3 |
| Subsidiary risk | - |
| IATA | 3 |
| Subsidiary risk | - |
| 14.4. Packing group | |
| Packing group | III |
| 14.5. Environmental hazards | |
| Environmental hazards | No |
| Marine pollutant | No |
| ADR/RID | |
| Hazard ID | 30 |
| Tunnel Category | (D/E) |
| IMDG | |
| EmS Code | F-E S-E |
| IATA | |
| Packing Instruction (Cargo) | 366 |
| Maximum quantity | 220 L |
| Packing Instruction (Passenger) | 355 |
| Maximum quantity | 60 L |

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | |
|-------------|---|
| Regulations | REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. |
|-------------|---|

15.2. Chemical safety assessment

| | |
|--|---|
| | A chemical safety assessment has been carried out. Information from the manufacturer of the raw material has not been received regarding Chemical Safety Assessments, Exposure Scenarios or a Chemical Safety Report. |
|--|---|

SECTION 16: Other information**Other information**

| | |
|----------|--|
| Revision | This document differs from the previous version in the following areas: 2 - 2.1. Classification of the substance or mixture. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point). 9 - 9.1. Information on basic physical and chemical properties (Melting point). 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature). 9 - 9.1. Information on basic physical and chemical properties (Explosive properties). 9 - 9.1. Information on basic physical and chemical properties (Oxidising properties). 11 - 11.1.4. Toxicological Information. |
|----------|--|

Digicoat Adhesion Promoter

Revision 2

Revision date 2015-10-23

Other information

| | |
|--|---|
| Text of risk phrases in Section 3 | 12 - 12.1. Toxicity. 15 - Risk phrases. |
| | R10 - Flammable R53 - May cause long-term adverse effects in the aquatic environment. R67 - Vapours may cause drowsiness and dizziness. |
| Text of Hazard Statements in Section 3 | Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin Skin Sens. 1: H317 - May cause an allergic skin reaction. Acute Tox. 4: H332 - Harmful if inhaled. |