

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** PROGRIP - BASE COMPONENT (PART A)  
**Company name:** John L Lord & Son Ltd.  
Ainsworth Road  
Bury  
Lancashire  
BL8 2RS  
United Kingdom  
Tel: +44 (0)161 764 4617  
Fax: +44 (0)161 763 1873  
Email: derrickhulett@john-lord.co.uk

## 2. HAZARDS IDENTIFICATION

**Main hazards:** Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Workplace exposure limit:** This substance does not have a workplace exposure limit.

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** BISPHENOL F EPOXY RESIN 30-50%  
CAS: 55492-52-9  
[Xi] R36/38; [Sens.] R43; [N] R51/53
- BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 1-10%  
EINECS: 500-033-5 CAS: 25068-38-6  
[Xi] R36/38; [Sens.] R43; [N] R51/53
  - C13/C15 ALKYLGLYCIDYLETHER 1-10%  
EINECS: 268-358-2 CAS: 68081-84-5  
[Xi] R36/38; [Sens.] R43; [N] R51/53
  - UREA RPW FORMALDEHYDE (BUTYLATED) 1-10%  
CAS: 68002-19-7  
[-] R53
  - TRIPHENYL PHOSPHITE 10-30%  
EINECS: 202-908-4 CAS: 101-02-0  
[Xi] R36/38; [N] R50/53
  - HYDROCARBONS <1%

**SAFETY DATA SHEET**  
PROGRIP - BASE COMPONENT (PART A)

CAS: 8002-09-3

[Xi] R38

- LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. <1%

EINECS: 265-199-0 CAS: 64742-95-6

[-] R10; [Xi] R37; [N] R51/53; [Xn] R65

#### 4. FIRST AID MEASURES

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure hazards:** In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 7. HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves.
- Eye protection:** Safety glasses. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- State:** Paste
- Colour:** Various
- Odour:** Characteristic odour

**10. STABILITY AND REACTIVITY**

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Heat.
- Materials to avoid:** Strong oxidising agents. Strong acids.
- Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

- Acute effects:** Irritating to eyes and skin.
- Sensitisation:** May cause sensitisation by skin contact.

**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)**

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be irritation and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.  
Exposure may cause coughing or wheezing.

**12. ECOLOGICAL INFORMATION**

- Mobility:** Readily absorbed into soil.
- Persistence and degradability:** Not biodegradable.
- Bioaccumulative potential:** Bioaccumulation potential.
- Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.
- PBT identification:** This substance is not identified as a PBT substance.

**13. DISPOSAL CONSIDERATIONS**

- Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**SAFETY DATA SHEET**  
PROGRIP - BASE COMPONENT (PART A)

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** 3082 **ADR Class:** 9  
**Packing group:** III **Classification code:** M6  
**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL F EPOXY RESIN)  
**Labelling:** 9 **Hazard ID no:** 90

**IMDG / IMO**

**UN no:** 3082 **Class:** 9  
**Packing group:** III **EmS:** F-A,S-F  
**Marine pollutant:** . **Labelling:** 9

**IATA / ICAO**

**UN no:** 3082 **Class:** 9  
**Packing group:** III **Packing instructions:** 914  
**Labelling:** 9

**15. REGULATORY INFORMATION**

**Hazard symbols:** Irritant.  
Dangerous for the environment.



**Risk phrases:** R36/38: Irritating to eyes and skin.  
R43: May cause sensitisation by skin contact.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S24: Avoid contact with skin.  
S37: Wear suitable gloves.  
S60: This material and its container must be disposed of as hazardous waste.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**SAFETY DATA SHEET**  
PROGRIP - BASE COMPONENT (PART A)

**Haz. ingredients (label):** BISPHENOL F EPOXY RESIN; BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}; C13/C15 ALKYLGLYCIDYLETHER; TRIPHENYL PHOSPHITE

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

**Risk phrases used in s.3:** R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53: May cause long-term adverse effects in the aquatic environment.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R38: Irritating to skin.

R10: Flammable.

R37: Irritating to respiratory system.

R65: Harmful: may cause lung damage if swallowed.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** PROGRIP - HARDENER COMPONENT (PART B)  
**Company name:** John L Lord & Son Ltd.  
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Bury  
Lancashire  
BL8 2RS  
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Fax: +44 (0)161 763 1873  
Email: derrickhulett@john-lord.co.uk

## 2. HAZARDS IDENTIFICATION

**Main hazards:** Harmful in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility. Possible risk of harm to the unborn child.

**Workplace exposure limit:** This substance does not have a workplace exposure limit.

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** NONYLPHENOL 10-30%  
EINECS: 246-672-0 CAS: 25154-52-3  
[Xn] R62; [Xn] R63; [Xn] R22; [C] R34; [N] R50/53
- 2-PIPERAZIN-1-YLETHYLAMINE 10-30%  
EINECS: 205-411-0 CAS: 140-31-8  
[Xn] R21/22; [C] R34; [Sens.] R43; [-] R52/53
  - 4-TERT-BUTYLPHENOL 1-10%  
CAS: 98-54-4  
[N] R51/53; [Xi] R36/37/38
  - M-PHENYLENEBIS(METHYLAMINE) 1-10%  
EINECS: 216-032-5 CAS: 1477-55-0  
[Xn] R20/22; [C] R34; [Sens.] R43; [-] R52/53
  - TRIMETHYLHEXANE-1,6-DIAMINE 1-10%  
CAS: 25620-58-0  
[-] R52/53; [Sens.] R43; [C] R35; [Xn] R22

**4. FIRST AID MEASURES**

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**5. FIRE-FIGHTING MEASURES**

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- Exposure hazards:** In combustion emits toxic fumes.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

- Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Pale yellow

**Odour:** Irritating odour

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

**Acute effects:** Harmful in contact with skin and if swallowed. Causes burns.

**Sensitisation:** May cause sensitisation by skin contact.

**CMR effects:** Possible risk of impaired fertility.

## 11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

## 12. ECOLOGICAL INFORMATION

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Not biodegradable.

**Bioaccumulative potential:** Bioaccumulation potential.

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

**PBT identification:** This substance is not identified as a PBT substance.

## 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

**SAFETY DATA SHEET**  
 PROGRIP - HARDENER COMPONENT (PART B)

**ADR / RID**

<b>UN no:</b> 1760	<b>ADR Class:</b> 8
<b>Packing group:</b> III	<b>Classification code:</b> C9
<b>Shipping name:</b> CORROSIVE LIQUID, N.O.S. (NONYLPHENOL; ALIPHATIC AMINES)	
<b>Labelling:</b> 8	<b>Hazard ID no:</b> 80

**IMDG / IMO**

<b>UN no:</b> 1760	<b>Class:</b> 8
<b>Packing group:</b> III	<b>EmS:</b> F-A,S-B
<b>Marine pollutant:</b> .	<b>Labelling:</b> 8

**IATA / ICAO**

<b>UN no:</b> 1760	<b>Class:</b> 8
<b>Packing group:</b> III	<b>Packing instructions:</b> 818(P&CA); 820(CAO)
<b>Labelling:</b> 8	

**15. REGULATORY INFORMATION**

**Hazard symbols:** Dangerous for the environment.  
 Corrosive.



**Risk phrases:** R21/22: Harmful in contact with skin and if swallowed.  
 R34: Causes burns.  
 R43: May cause sensitisation by skin contact.  
 R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R62: Possible risk of impaired fertility.  
 R63: Possible risk of harm to the unborn child.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.  
 S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**SAFETY DATA SHEET**  
PROGRIP - HARDENER COMPONENT (PART B)

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Haz. ingredients (label):** NONYLPHENOL; 2-PIPERAZIN-1-YLETHYLAMINE; 4-TERT-BUTYLPHENOL; M-PHENYLENEBIS(METHYLAMINE); TRIMETHYLHEXANE-1,6-DIAMINE

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

**Risk phrases used in s.3:** R62: Possible risk of impaired fertility.  
R63: Possible risk of harm to the unborn child.  
R22: Harmful if swallowed.  
R34: Causes burns.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R21/22: Harmful in contact with skin and if swallowed.  
R43: May cause sensitisation by skin contact.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R36/37/38: Irritating to eyes, respiratory system and skin.  
R20/22: Harmful by inhalation and if swallowed.  
R35: Causes severe burns.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** PROGRIP - AGGREGATE COMPONENT (PART C1)  
**Company name:** John L Lord & Son Ltd.  
Ainsworth Road  
Bury  
Lancashire  
BL8 2RS  
United Kingdom  
Tel: +44 (0)161 764 4617  
Fax: +44 (0)161 763 1873  
Email: derrickhulett@john-lord.co.uk

## 2. HAZARDS IDENTIFICATION

**Main hazards:** Irritating to respiratory system.  
**Workplace exposure limit:** This substance does not have a workplace exposure limit.  
**PBT:** This substance is not identified as a PBT substance.  
**Directive 1999/45/EC:** This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** CRYSTALLINE SILICA 70-90%  
[Xi] R37

## 4. FIRST AID MEASURES

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.  
**Ingestion:** Wash out mouth with water. Consult a doctor.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.  
**Exposure hazards:** In combustion emits toxic fumes.  
**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not

**SAFETY DATA SHEET**  
PROGRIP - AGGREGATE COMPONENT (PART C1)

approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Powder

**Colour:** Beige

**Odour:** Odourless

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

**Acute effects:** Irritating to respiratory system.

## 11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**12. ECOLOGICAL INFORMATION**

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

**PBT identification:** This substance is not identified as a PBT substance.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** Not Classified.

**IMDG / IMO**

**UN no:** Not Classified.

**IATA / ICAO**

**UN no:** Not Classified.

**15. REGULATORY INFORMATION**

**Hazard symbols:** Irritant.



**Risk phrases:** R37: Irritating to respiratory system.

**Safety phrases:** S22: Do not breathe dust.

**Haz. ingredients (label):** CRYSTALLINE SILICA

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

**SAFETY DATA SHEET**  
PROGRIP - AGGREGATE COMPONENT (PART C1)

**Risk phrases used in s.3:** R37: Irritating to respiratory system.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** PROGRIP - AGGREGATE COMPONENT (PART C2)  
**Company name:** John L Lord & Son Ltd.  
Ainsworth Road  
Bury  
Lancashire  
BL8 2RS  
United Kingdom  
Tel: +44 (0)161 764 4617  
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Email: derrickhulett@john-lord.co.uk

## 2. HAZARDS IDENTIFICATION

**Workplace exposure limit:** This substance does not have a workplace exposure limit.  
**PBT:** This substance is not identified as a PBT substance.  
**Directive 1999/45/EC:** This does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

## 4. FIRST AID MEASURES

**Skin contact:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes.  
**Ingestion:** Wash out mouth with water.  
**Inhalation:** Consult a doctor.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.  
**Exposure hazards:** In combustion emits toxic fumes.  
**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details.  
**Environmental precautions:** Do not discharge into drains or rivers.  
**Clean-up procedures:** Wash the spillage site with large amounts of water.

## 7. HANDLING AND STORAGE

**Handling requirements:** Avoid the formation or spread of dust in the air.  
**Storage conditions:** Store in cool, well ventilated area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory protection:** Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Chips

**Colour:** Off-white

**Odour:** Characteristic odour

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION****11. TOXICOLOGICAL INFORMATION (SYMPTOMS)**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**12. ECOLOGICAL INFORMATION**

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

**PBT identification:** This substance is not identified as a PBT substance.

**13. DISPOSAL CONSIDERATIONS**

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** Not Classified.

**IMDG / IMO**

**UN no:** Not Classified.

**IATA / ICAO**

**UN no:** Not Classified.

**15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** PROGRIP (GREEN) - BASE COMPONENT (PART A)  
**Company name:** John L Lord & Son Ltd.  
Ainsworth Road  
Bury  
Lancashire  
BL8 2RS  
United Kingdom  
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Fax: +44 (0)161 763 1873  
Email: derrickhulett@john-lord.co.uk

## 2. HAZARDS IDENTIFICATION

**Main hazards:** May cause harm to the unborn child. Danger of cumulative effects. Irritating to eyes and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility.

**Workplace exposure limit:** This substance does not have a workplace exposure limit.

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** BISPHENOL F EPOXY RESIN 30-50%  
CAS: 55492-52-9  
[Xi] R36/38; [Sens.] R43; [N] R51/53
- BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 1-10%  
EINECS: 500-033-5 CAS: 25068-38-6  
[Xi] R36/38; [Sens.] R43; [N] R51/53
  - C13/C15 ALKYLGLYCIDYLEETHER 1-10%  
EINECS: 268-358-2 CAS: 68081-84-5  
[Xi] R36/38; [Sens.] R43; [N] R51/53
  - UREA RPW FORMALDEHYDE (BUTYLATED) 1-10%  
CAS: 68002-19-7  
[-] R53
  - TRIPHENYL PHOSPHITE 10-30%  
EINECS: 202-908-4 CAS: 101-02-0  
[Xi] R36/38; [N] R50/53

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PROGRIP (GREEN) - BASE COMPONENT (PART A)

- HYDROCARBONS <1%  
CAS: 8002-09-3  
[Xi] R38
- LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. <1%  
EINECS: 265-199-0 CAS: 64742-95-6  
[-] R10; [Xi] R37; [N] R51/53; [Xn] R65
- C.I. PIGMENT YELLOW 34 1-10%  
EINECS: 215-693-7 CAS: 1344-37-2  
[T] R61; [Xn] R33; [Xn] R40; [N] R50/53; [Xn] R62

#### 4. FIRST AID MEASURES

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

#### 5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- Exposure hazards:** In combustion emits toxic fumes.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.
- Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Paste

**Colour:** Green

**Odour:** Characteristic odour

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Hot surfaces. Flames.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

**Acute effects:** Irritating to eyes and skin.

**Sensitisation:** May cause sensitisation by skin contact.

**Repeated dose toxicity:** Danger of cumulative effects.

**CMR effects:** Limited evidence of a carcinogenic effect. Possible risk of impaired fertility.

**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.  
Exposure may cause coughing or wheezing.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

**PBT identification:** This substance is not identified as a PBT substance.

### 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. TRANSPORT INFORMATION

#### ADR / RID

<b>UN no:</b> 3082	<b>ADR Class:</b> 9
<b>Packing group:</b> III	<b>Classification code:</b> M6
<b>Shipping name:</b> ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL F EPOXY RESIN)	
<b>Labelling:</b> 9	<b>Hazard ID no:</b> 90

#### IMDG / IMO

<b>UN no:</b> 3082	<b>Class:</b> 9
<b>Packing group:</b> III	<b>EmS:</b> F-A,S-F
<b>Marine pollutant:</b> .	<b>Labelling:</b> 9

#### IATA / ICAO

<b>UN no:</b> 3082	<b>Class:</b> 9
<b>Packing group:</b> III	<b>Packing instructions:</b> 914
<b>Labelling:</b> 9	

### 15. REGULATORY INFORMATION

**Hazard symbols:** Dangerous for the environment.  
Toxic.



**Risk phrases:** R61: May cause harm to the unborn child.  
R33: Danger of cumulative effects.

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R36/38: Irritating to eyes and skin.

R40: Limited evidence of a carcinogenic effect.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62: Possible risk of impaired fertility.

**Safety phrases:** S36/37: Wear suitable protective clothing and gloves.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53: Avoid exposure - obtain special instructions before use.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Precautionary phrases:** Restricted to professional users.

**Haz. ingredients (label):** BISPHENOL F EPOXY RESIN; BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}; C13/C15 ALKYLGLYCIDYLETHER; TRIPHENYL PHOSPHITE; C.I. PIGMENT YELLOW 34

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

**Risk phrases used in s.3:** R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53: May cause long-term adverse effects in the aquatic environment.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R38: Irritating to skin.

R10: Flammable.

R37: Irritating to respiratory system.

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R65: Harmful: may cause lung damage if swallowed.

R61: May cause harm to the unborn child.

R33: Danger of cumulative effects.

R40: Limited evidence of a carcinogenic effect.

R62: Possible risk of impaired fertility.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.