

# SAFETY DATA SHEET

## Universal Waterbased Basecoat Binder

Date: 26-06-2017

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### SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

#### 1.1 Product Identifier

Product name: Universal Waterbased Binder  
Product Code: FL2030/4

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

Recommended use: Paint

#### 1.3 Details of supplier of the safety data sheet

Details of company: FLP Group  
Unit 1 Clayfields Industrial Estate  
Tickhill Road  
Doncaster  
DN4 8QG  
+44 (0) 1302 571571  
[sales@flpgroup.co.uk](mailto:sales@flpgroup.co.uk)

#### 1.4 Emergency telephone number

Emergency Tel: +44 (0) 1302 571571

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification under CLP: Not classified

Most important adverse effects: Not classified

#### 2.2 Label elements

Hazard statements: Not classified

Signal words: Not classified

Hazard pictograms: Not classified

Precautionary statements: Not classified

Special Provisions: Not classified

#### 2.3 Other hazards

Other hazards: Not classified

PBT: Not classified

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Hazardous ingredients:

EC	CAS	CLP Classification	Percent
<b>2-butoxyethanol</b>			
203-905-0	111-76-2	Acute Tox. 4: H302; Acute Tox. 4: H312; Acute Tox. 4: H332; Skin Wit. 2: H315; Eye Wit. 2: H319	1-5%
<b>Monopropylene Glycol</b>			
200-338-0	57-55-6	Not classified	

\*DECLJ (CLP): Substance classified in accordance with Note J, Annex VI of EC Regulation (EC) 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1 % w/w benzene (EINECS No 200-753-7). This note applies only to certain complex coal- and oil-derived substances in Part 3.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

General information: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Ingestion: IF SWALLOWED: Get medical attention immediately. Show this Safety Data Sheet to the medical personnel. Keep affected person warm and at rest. Do not induce vomiting.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Do not use organic solvents.

Eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention.

Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue.

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

Skin contact: May cause irritation.  
 Eye contact: May irritate eyes

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

No specific treatment

**SECTION 5: FIRE FIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media: CO2, powder extinguisher, foam, water spray.  
 Extinguishing media which must not be used for safety reasons: Water jet.

**5.2 Special hazards arising from the substance or mixture**

No specific information available

**5.3 Advice for fire-fighters**

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions: Exclude sources of ignition and ventilate the area. Avoid breathing mist or vapour

**6.2 Environmental precautions**

Environmental precautions: Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

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**6.3 Methods and material for containment and cleaning up**

Clean-up procedures: Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**6.4 Reference to other sections**

Reference to other sections: Refer to section 8 & 13 of SDS

**SECTION 7: HANDLING & STORAGE**

**7.1 Precautions for safe handling**

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Put on appropriate personal protective equipment (See section 8) never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original. Comply with health and safety at work laws. Do not allow to enter drains or watercourses

**7.2 Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat. Protect from freezing and direct sunlight.

**7.3 Specific end use(s)**

Specific end use(s): See section 1.2

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**8.1 Control parameters**

Occupational exposure limits:

Monopropylene Glycol

Long-term exposure limit (8-hour TWA): 25 ppm 79 mg/m<sup>3</sup>

2-dimethylaminoethanol

Long-term exposure limit (8-hour TWA): WEL 2 ppm 7.4 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 6 ppm 22 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**8.2 Exposure controls**

Appropriate engineering controls: As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. Air-fed protective respiratory equipment must be worn by the spray operator, even when good ventilation is provided.

Eye/face protection: Wear eye protection.

Hand protection: 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. It is recommended that gloves are made of the following material: Polyvinyl alcohol (PVA). Neoprene. Butyl rubber. Nitrile rubber.

Other skin and body protection: Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory protection: Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

Environmental exposure: Avoid release to the environment

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

Colour: Clear.  
Relative density: 1.017

**9.2 Other information**

Not available

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

Reactivity: No test data specifically related to reactivity available for this product or its ingredients.

**10.2 Chemical stability**

Chemical stability: Stable under normal conditions.

**10.3 Possibilities of hazardous reactions**

Not applicable

**10.4 Conditions to avoid**

Not applicable

**10.5 Incompatible materials**

Materials to avoid: Avoid contact with the following materials: Oxidising agents, Strong alkalis, Strong acids, Amines.

**10.6 Hazardous decomposition products**

No hazardous decomposition products

**SECTION 11: TOXICAL INFORMATION**

**11.1 Information on toxicological effects**

Acute toxicity - oral  
ATE oral (mg/kg) 22,222.22222222

Acute toxicity - dermal  
ATE dermal (mg/kg) 48,888.88888889

Acute toxicity - inhalation  
ATE inhalation (vapours mg/l) 312.61841607

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Toxicity: There is no data available on the mixture itself do not allow to enter drains or watercourses.

**12.2 Persistence and degradability**

Not know

**12.3 Bio accumulative potential**

Not applicable

**12.4 Mobility in soil**

Not applicable

**12.5 Results of PBT and vPvB assessment**

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

**12.6 Other adverse effects**

None

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

General information: The generation of waste should be minimised or avoided wherever possible. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

Disposal methods: Place waste in labelled, sealed containers. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: TRANSPORTATION INFORMATION**

**14.1 UN number**

UN number: Not applicable

**14.2 UN proper shipping name**

Shipping name: Not applicable

**14.3 Transport hazard class**

Transport class: Not applicable

**14.4 Packaging group**

Packing group: Not applicable

**14.5 Environmental hazards**

Environmentally hazardous: Not applicable

Marine pollutant: Not applicable

**14.6 Special precautions for user**

Not applicable

**14.7 Transport in bulk according to Annex II of MARPOL73/78 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: Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits. Health and Safety at Work etc. Act 1974 (as amended).

EU legislation: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
 Guidance: Workplace Exposure Limits EH40.

**15.2 Chemical safety assessment**

This product contains substances for which Chemical Safety Assessments are still required.

**SECTION 16: OTHER INFORMATION**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.  
 \* indicates text in the SDS which has changed since the last revision.

Phrases used in section 3: H226 Flammable liquid and vapour. H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H331 Toxic if inhaled.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.

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.