



SAFETY DATA SHEET
FK50 Surface Binder
10/05/15

Manufacturer or Distributor: **DAS64 Design Ltd. T/A Flake King,
Lartington, Barnard Castle,
County Durham, United Kingdom,
DL12 9DW
Phone: +44 (0) 1833-650-353**

Information Telephone Number: **800-243-2712**

Emergency Telephone Number: **800-243-2712**

For Health Emergencies: **Poison Control Centre: 1-888-516-2502**

SECTION I – PRODUCT IDENTIFICATION

Product Name: Surface Binder
Product Number: FK50
Product Sizes: NA
Brand Name: Flake King
Product Class: Acrylic/Polymer Sealers

SECTION II – HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Acute Toxicity Oral: Category 4

Skin Irritation: Category 2

Eye Irritation: Category 2

Label elements:



GHS07

Signal Word: Danger

Hazard Statement: Harmful if swallowed

Precautionary Statements: **Prevention:** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Response: Call a POISON CENTRE/doctor if you feel unwell. Get medical advice/attention. Specific treatment (see label). Rinse mouth. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Take off contaminated clothing. **IF SWALLOWED:** Immediately call a POISON CENTRE/doctor. **IF ON SKIN:** Wash with plenty of water. **If skin irritation occurs:** Get medical advice/attention.



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SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS

| | |
|------------------|------------------|
| Ingredient: | 2-Butoxy Ethanol |
| CAS#: | 111-76-2 |
| PEL/TLV (MG/M#): | N/A |
| Max % Weight: | 4.0 |
| NTP: | N |
| IARC: | N |

SECTION IV – FIRST AID MEASURES

| | |
|---------------------|---|
| First Aid Measures: | If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care. If skin contact occurs, wash with soap and water for 5 minutes. If swallowed, get prompt medical attention. |
|---------------------|---|

SECTION V – FIRE FIGHTING MEASURES

| | |
|--|--|
| Flash Point (Method): | N/A |
| Autoignition Temperature: | N/A |
| Explosion Limits in Air (% by Volume): | Not Explosive |
| Extinguishing Media: | No special media required. |
| Required Fire Fighting Procedures: | No special firefighting procedures required. |
| Unusual Fire & Explosion Hazards: | Not Combustible |

SECTION VI – ACCIDENTAL RELEASE MEASURES

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| Steps to be taken in case a material is spilled: | Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII |
|--|--|

SECTION VII – HANDLING AND STORAGE

| | |
|--|--|
| Precautions to be taken during storage and handling: | Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed. |
|--|--|

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|--|---|
| Respiratory Protection and Special Ventilation Requirements: | Use only with adequate ventilation. Wear a NIOSH / MSHA approved respirator |
| Other Protective Equipment (Gloves, Goggles, etc): | When using wear impermeable protective gloves. |
| Work / Hygiene Practices: | Avoid prolonged contact with skin. Wash hands immediately after use. Keep away from eyes. |
| Engineering Controls: | KEEP OUT OF REACH OF CHILDREN |



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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|----------------------|
| Appearance: | Coloured paint |
| Physical State: | Liquid |
| VOC Content: | 63.54 g/L Regulatory |
| Solids percentage: | 43.61 |
| Boiling Point: | N/A |
| Melting Point: | N/A |
| Vapor Pressure: | N/A |
| Specific Vapor Density (Air=1): | N/A |
| Specific Gravity: | N/A |
| Solubility In Water: | N/A |
| Reactivity In Water: | Non-Reactive |

SECTION X – STABILITY AND REACTIVITY

| | |
|--|------|
| Hazardous Polymerisation Products: | None |
| Stability: Stable Conditions to Avoid: | None |
| Incompatibility (Materials to Avoid): | None |
| Hazardous Decomposition Products: | None |

SECTION XI – TOXICOLOGICAL INFORMATION

Acute Effects Associated with Use of this Material: Skin irritant. Eye irritant. May be harmful if swallowed, by skin contact or by breathing vapours. May be harmful if swallowed. May be harmful by skin contact. Contact may result in irritation of the skin. Contact may result in redness or pain of the eyes.

The summated LD50 is 1228.6 mg/kg.

The summated LC50 is 914.0 mg/cubic meter.

This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

SECTION XII – ECOLOGICAL INFORMATION

No harmful effects known other than those associated with suspended inert solids in water.

SECTION XIII – DISPOSAL CONSIDERATIONS

| | |
|---------------------------------|---|
| RCRA Hazard Class (40 CFR 261): | This product is not classified as a hazardous waste. |
| Waste Disposal Method: | Dispose of in accordance with federal, state and local regulations. |



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SECTION XIV – TRANSPORTATION INFORMATION

The following transportation categories do not apply to this mixture sold as a consumer use product (non-bulk).

DOT Non-Bulk

| | |
|-------------------------|----------------|
| Shipping Name | Not regulated. |
| Technical Shipping Name | Not regulated. |
| Hazard Class | Not regulated. |
| UN Number | Not regulated. |
| Packing Group | Not regulated. |

IMDG

| | |
|-------------------------|----------------|
| Shipping Name | Not regulated. |
| Technical Shipping Name | Not regulated. |
| Hazard Class | Not regulated. |
| UN Number | Not regulated. |
| Packing Group | Not regulated. |
| EmS Number | Not regulated. |
| Marine Pollutant | Not regulated. |

ICAO/IATA

| | |
|-------------------------|----------------|
| Shipping Name | Not regulated. |
| Technical Shipping Name | Not regulated. |
| Hazard Class | Not regulated. |
| UN Number | Not regulated. |
| Packing Group | Not regulated. |
| Marine Pollutant | Not regulated. |

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

SECTION XV – REGULATORY INFORMATION

Contents of this SDS comply with Osha Hazard Communication Standard 29 CFR 1910.1200EPA SARA Title III Chemical Listings: None

Section 302.4 Extremely Hazardous Substances (40 CFR 355): None

Section 313 Toxic Chemicals (40 CFR 372): None

International Regulations

Canadian WHMIS:

This product is a controlled product under Canada's workplace hazardous materials information system. It contains the following toxic or highly toxic materials: 1-Methoxy-2-Propanol
2-Butoxy Ethanol

Supplemental State Compliance Information:

This product contains the following chemical(s) listed in the state of California under their Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None

This product contains the following chemical(s) listed under New Jersey's Right to Know Program: 1-Methoxy-2-Propanol
2-Butoxy Ethanol



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This product contains the following chemical(s) requiring notification to the state of Washington under their Children's Safe Products Act: None

Under CPSC's consumer product regulations (16CFR1500.3 and 150014), this product has the following required acute and chronic hazard labelling: Warning: May be harmful if swallowed, or by skin contact. Skin irritant. Eye Irritant. Contains: 2-Butoxy Ethanol
Precautions: Keep away from eyes. Keep out of reach of children.
First Aid Treatment: If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care.

For acutely hazardous products, the name and place of business of the manufacturer, packer, distributor or seller must appear on the label. A US telephone # to obtain more information is recommended but not required.

SECTION XVI – OTHER INFORMATION

Last Revision Date: 10/05/2015

Prepared by Duke OEM Toxicology

COLOR INFORMATION

This SDS applies to the following colors which are associated with hazardous and /or non-hazardous ingredients.

| Product Color | SKU | Hazardous Ingredient |
|-------------------|-----|----------------------|
| 6000 Transparent | | (None) |
| 6001 White | | (None) |
| 6002 Black | | (None) |
| 6003 Gray | | (None) |
| 6004 Yellow | | (None) |
| 6005 Orange | | (None) |
| 6006 Red | | (None) |
| 6007 Lilac | | (None) |
| 6008 Blue | | (None) |
| 6009 Process Blue | | (None) |
| 6010 Green | | (None) |
| 6011 Tan | | (None) |
| 6012 Burgundy | | (None) |
| 6013 Silver | | (None) |

Brand Names

This SDS applies to the following brand names: FK50 Surface Binders
FK100 Prime Bases