

# Kraftkolour

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## Safety Data Sheet

### TEXIFLOCK E-FF

#### 1.0 IDENTIFICATION

**Product Name:** Texiflock E-FF, Flock & Foil  
**Recommended Use:** Textile Printing.

#### 2.0 COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Nature:**  
Textile printing glue

**Hazardous Components:**

Components	CAS No	EEC No	Symbol(s)	R-Phrases	Concentration (%)
Ammonia	1336-21-6	007-001-01-2	C, N	R34	>=1 - <3
Ethylene Glycol	107-21-1	603-027-00-1	Xn	R22	>=3 - <5

#### 3.0 HAZARDS IDENTIFICATION

**Not Hazardous according to the criteria of NOHSC/ASCC (formerly Worksafe Australia)**  
Not hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC

**Note: This Material Safety Data Sheet may not provide exhaustive guidance for all HSNO Controls assigned to this substance. The ERMA Website should be consulted for a full list of triggered controls and cited regulations.**

#### 4.0 FIRST AID MEASURES

**General Advice:** When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person

**First Aid:** Provide normal washroom facilities.

**If swallowed:** Wash mouth out with water and give plenty of water to drink.

**If in eyes:** Immediately flush eye(s) with copious amounts of water for at least 15 minutes, holding eyelids open.

Take care not to rinse contaminated water into the non affected eye. Seek medical attention immediately.

**If on skin:** Remove all contaminated clothing. Wash affected area gently and thoroughly with soap and water for 15 minutes. Ensure contaminated clothing is washed before re-use or discard.

**If inhaled:** Remove the source of contamination or move victim to fresh air. Seek medical attention immediately.

**Advice to Doctor:** Treat symptomatically based on individual reactions of patient and judgement of doctor.

NOTE: For advice in an emergency contact the Poisons Information Centre (Australia 131126).

**Aggravated medical conditions caused by exposure.** No information available on medical conditions which are aggravated from exposure to this product.

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## 5.0 FIRE FIGHTING MEASURES

**Extinguishing Media:** Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, chemical powder).

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus in pressure demand (MSHA/NIOSH approved or equivalent) and full protective gear. Dispose of extinguishing water in accordance with local regulations.

**Fire/Explosion/Decomposition Hazards:** Irritating and toxic gases may be generated by thermal decomposition or combustion. As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10)

**Hazchem Code:** NA

**Flammability:** Not flammable or combustible under normal conditions.

## 6.0 ACCIDENTAL RELEASE MEASURES

**Spillage or Leak Procedures:** Heed advice under Personal Protection. Wear suitable protective equipment used for handling precautions. Provide sufficient ventilation. Place in a sealed, clearly labelled container for disposal in accordance with local regulations.

**Personal Precautions:**

- Use personal protective equipment
- Ventilate the area
- Refer to protective measures listed in sections 7 and 8
- Material can create slippery conditions

**Environmental Precautions:**

- Try to prevent the material from entering drains or water courses.
- If the product contaminates rivers and lakes or drains inform respective authorities

**Methods for Cleaning Up:**

- Clean with detergents. Avoid solvents
- Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.

## 7.0 HANDLING AND STORAGE

**Safe Handling Advice:**

- Avoid exceeding of the given occupational exposure limits (see section 8)
- Use only in area provided with appropriate exhaust ventilation
- Avoid contact with skin, eyes and clothing
- Smoking, eating and drinking should be prohibited in the application area
- Avoid inhalation of vapour or mist
- For personal protection see section 8
- Thoroughly mix before using
- After using, store in a well-sealed container

**Requirements for Storage Areas and Containers:**

- Observe label precautions
- Containers which are opened must be carefully resealed and kept upright to prevent leakage
- Store in accordance with the particular national regulations
- Store between 5° and 35°C in a dry, well ventilated place away from source of heat, ignition and direct sunlight
- No smoking
- Electrical installations/working materials must comply with the technological safety standards

**Advice on Common Storage:**

- Keep away from oxidising agents and strongly acid or alkaline materials

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## 8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standards:** No exposure standard allocated for this particular product, however we recommend TLV 10mg/m<sup>3</sup> for nuisance dust.

### Components with Workplace Control Parameters

Components	CAS No	Value (mg/m <sup>3</sup> )	Value (ppm)	Basis
Ammonia	1336-21-6	17,00	25,00	
Ethylene Glycol	1047-21-1	52,00	20,00	

**Engineering Controls:** Maintain air concentrations below recommended exposure standards. Keep containers closed when not in use. Use local exhaust ventilation.

**Personal Protection:** Use good industrial hygiene. If risk of inhalation exists, wear respirator meeting the requirements of AS/NZ1715 and AS/NZ1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and protective equipment before storing or re-using. To avoid skin contact we recommend use Nitrile or Neoprene gloves complying with AS 2161. Chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 should be worn to protect eyes. The use of plastic apron, sleeves, overalls and rubber boots are recommended.

## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White liquid paste
Odour	Slight Odour
Decomposition Temp	>100°C
Solubility in Water	20-100g/Ltr @ 25°C
Viscosity	60s
Solids by weight	55%
Stability	Stable under normal temperatures and pressures

## 10.0 STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of use.

**Conditions to Avoid:** Food and drink, heat, moisture.

### Hazardous Reactions:

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

## 11.0 TOXICOLOGICAL INFORMATION

### Acute Inhalation Toxicity:

Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects. Such as: mucous membrane irritation, respiratory system irritation, adverse effects on kidney, liver and central nervous system. Symptoms and signs: headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Inhalation of airborne droplets may cause irritation of the respiratory tract.



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**Skin Irritation:**

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in desiccation of the skin.

**Note:** The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

### 12.0 ECOLOGICAL INFORMATION

**Environmental/Ecological Effects:** Take all necessary precautions to prevent from entering sewers and waterways.  
There is no data available for this product

### 13.0 DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Dispose of in accordance with local regulations by a registered chemical disposal company. Packs that cannot be cleaned and reused must be disposed of in the same manner as the contents.

**Special Precautions for Land Fill or Incineration:** Contact a specialist disposal company or the local waste regulator for advice.

### 14.0 TRANSPORT INFORMATION

Not regulated by the IATA  
Not regulated by IMDG  
Not Classified as Dangerous Goods by ADG code.

### 15.0 REGULATORY INFORMATION

**Regulatory Information:** All components are listed on the AICS  
Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/  
**Additional Information:** NA  
**Special Precautions/Comments:** Refer "Personal Protection" above.  
**Data Sources/References:** Supplier – Material Safety Data Sheet.  
**Abbreviations:** (N/A, NOT APPL. = Not Applicable)  
**Last Revised:** November 2010

### 16.0 OTHER INFORMATION

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Kraftkolour P/L cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the intended application. Kraftkolour P/L will not be responsible for damages of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those implied by Commonwealth, State or Territory Legislation.

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