



## Technical Information

**Grade: TRANSFERGLAZE**

Transferglaze is a water based acrylic medium which binds printing inks. It can be used on a wide variety of substrates.

### Properties:

APPEARANCE Flowing liquid – viscous liquid  
COLOUR Opaque white  
ODOUR Characteristic mild odor – no threshold  
SOLUBILITY Miscible with water.  
BOILING POINT °C over 100  
FREEZING POINT Approx. 0 °C  
RELATIVE DENSITY SG 1.15 - 2.0  
VAPOUR DENSITY 0.62  
VAPOUR PRESSURE 17.5mm Hg @ 20°C  
VOC Less than 0.5%  
VOLATILES 45 – 55 % / WT  
AUTOIGNITION TEMP – Not applicable  
FLASH POINT – Not applicable  
OXIDIZING PROPERTIES – Not applicable  
pH-VALUE, CONC. SOLUTION 8 -10

### Application Techniques

All substrates should be conditioned to room temperature before bonding. They should not contain moisture.

Application can be by spray, brush, roller or sponge to an average coverage of 8sq metres to 500mls. This can vary depending on method of application and the substrate.

Information given in this data is based on work of others and ourselves. It is believed to be reliable, but as the end use and application of this product is outside our control, customers must fully evaluate its suitability before embarking on personal or commercial use. We are unable to accept consequential loss or damage however caused.

# Material Health & Safety Data –Transferglaze

## 1) IDENTIFICATION & COMPANY

SUPPLIER Applicraft  
Hillcrest, Guildford Road  
Ottershaw, Surrey  
KT16 0QL  
Tel (01932) 872572  
Email: [info@applicraft.co.uk](mailto:info@applicraft.co.uk)

## 2) CHEMICAL CONSTITUENTS

The ingredients in the formulation are a trade secret. All ingredients in the formula are non-hazardous.

## 3) HAZARD IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

## 4) FIRST AID MEASURES

### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

### SKIN CONTACT

Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## 5) FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

This product is not flammable.

NFPA flammability hazard class 0 = insignificant

Flash point, explosive limit & hazards are not applicable.

Use fire-extinguishing media appropriate for surrounding materials

## 6) ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Wipe up spill with a cloth or absorb in vermiculite, dry sand or sawdust and place into containers. Wash spill area with water to clean. Do not contaminate water sources or sewer. Place in rubbish bin.

## 7) HANDLING & STORAGE

Store between 4 and 37 °C in a dry well ventilated area.

Keep in original container. A storage life of not more than 1 year is recommended under these conditions.

## 8) PERSONAL PROTECTION / EXPOSURE CONTROLS

### CLOTHING REQUIREMENTS

No specialized / protective clothing is required. Paint will adhere to and stain material. An apron or disposable clothing may be used to prevent damage to your clothing.

### VENTILATION

General or local exhaust ventilation recommended when spraying. NIOSH approved respirator for mists and sprays.

### HAND PROTECTION

Gloves are not normally required for foreseeable conditions of use.

### EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

### OTHER PROTECTION

No specific protective equipment noted, normal maintenance or repair equipment.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using product do not eat, drink or smoke.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Flowing liquid – viscous liquid  
COLOUR Opaque white  
ODOUR Characteristic mild odor – no threshold  
SOLUBILITY Miscible with water.  
BOILING POINT °C over 100  
FREEZING POINT Approx. 0 °C  
RELATIVE DENSITY SG 1.15 - 2.0  
VAPOUR DENSITY 0.62  
VAPOUR PRESSURE 17.5mm Hg @ 20°C  
VOC Less than 0.5%  
VOLATILES 45 – 55 % / WT  
AUTOIGNITION TEMP – Not applicable  
FLASH POINT – Not applicable  
OXIDIZING PROPERTIES – Not applicable  
pH-VALUE, CONC. SOLUTION 8 -10

## 10) STABILITY AND REACTIVIT

Inert Hydrocarbon polymers  
NFPA Reactivity Class – 0 = Insignificant  
STABILITY  
Stable under normal temperature conditions.  
CONDITIONS TO AVOID  
None Known.  
HAZARDOUS DECOMPOSITION PRODUCTS  
Dried coating may burn, fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Sulfur Dioxide (SO<sub>2</sub>) and oxides of Nitrogen.  
HAZARDOUS POLYMERIZATION  
Will not occur.

## 11) TOXICOLOGICAL INFORMATION

GENERAL INFORMATION  
The product is regarded as non-hazardous and for normal spillages on skin & clothing washing with soap and water is adequate. This product has low toxicity. Only large volumes may have adverse impact on human health. This product does not contain lead.  
SHORT TERM EFFECTS OF EXPOSURE  
INHALATION - May cause irritation to the respiratory system.  
INGESTION - May cause discomfort if swallowed.  
SKIN CONTACT - Slightly irritating.  
EYE CONTACT - Irritating to eyes.  
HEALTH WARNINGS - No specific health warnings noted.  
ROUTE OF ENTRY - Inhalation. Skin and/or eye contact.  
MEDICAL SYMPTOMS - Irritation of eyes and mucous membranes.  
LONG TERM EFFECTS OF EXPOSURE  
The product is regarded as non-hazardous and has no known chronic effects. No Carcinogenic, Mutagenic, or genetic effects established

## 12) ECOLOGICAL INFORMATION

Not regarded as dangerous for the environment.

## 13) DISPOSAL INFORMATION

Dispose of waste and residues in accordance with local authority requirements.

## 14) TRANSPORT INFORMATION

GENERAL Not regulated.  
RAIL TRANSPORT NOTES Not Classified.  
SEA TRANSPORT NOTES Not Classified.  
AIR TRANSPORT NOTES Not Classified

## 15) REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

NC Not classified.

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

These products have been tested in accordance with CMA Testing and Certification Laboratories specifications.

Tested in accordance with EN71 : part 3 : 1994 with amendment A1 : 2000 and AC : 2002 – Migration of certain elements (for requested test parts) – Heavy metal analysis was determined by ICP – AES, result - passed.

## 16) OTHER INFORMATION

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process.

Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

29/05/2015