

James Briggs Ltd
Salmon Fields, Royton, Oldham OL2 6HZ UK
Tel: 0161 627 0101 Fax: 0161 627 0971
www.jamesbriggs.co.uk

TECHNICAL DATA SHEET

FLUORESCENT PAINTS & complementary CLEAR LACQUER

1. Introduction

A range of high quality fluorescent safety paints designed for use over white surfaces, to provide extra bright high visibility finishes especially when illuminated by a light source. This range also contains a clear finishing lacquer containing a blend of ultra-violet light absorbers for improved physical and fluorescence protection.

| | | |
|----------------------|--------------------|----------------------|
| Blue [XUK473/3019] | Clear [XUK3034] | Green [XUK469/3024] |
| Orange [XUK470/3022] | Pink [XUK471/3021] | Yellow [XUK472/3023] |

2. Where to use

On rigid substrates, used particularly for safety instructions, or in dimly lit locations. This product is particularly suited to uses on pedal cycles to improve visibility.

3. Where not to use

- On soft, flexible surfaces, particularly thermoplastics.
- On surfaces where fluorescence is not required.
- On articles to be used predominantly in direct sunlight as product will fade over time.
- On safety or crash helmets

4. Benefits

- Greatly improved visibility under poorly illuminated locations.
- Greatly improved visibility of potential obstructions.

5. Physical properties [Paint bases except where stated].

| | |
|--------------------------------------|---|
| Appearance | Brightly coloured liquids except for Clear Lacquer, which is colourless. |
| pH | Not applicable |
| Specific Gravity | 0.92 – 0.98 |
| Viscosity | Low viscosity liquids |
| Non Volatiles % m/m | 20 - 30 |
| Active Content % m/m, as supplied | 7 - 10 |
| Flammability, as supplied | Extremely flammable, flash point below -20°C |
| Composition Data, as supplied | A solvent based solution of an acrylic resin containing fluorescent pigments, plasticizer, thixotropes and ultra violet light absorbers, dispersed in a butane/propane/isobutane propellant |
| Volatile Organic Content as supplied | Under 840g/L. |
| Service Temperatures | Up to 80°C |
| Application Temperatures | 15 - 25°C |

6 Application Details

These fluorescent paints must be applied over a white substrate. Where a white background does not exist, HYCOTE WHITE PRIMER [XUK427] will provide the optimum receptive surface.

This information is provided in good faith based upon data and sources believed to be reliable and correct. Conditions of use, outside the control of the Company, dictate that no responsibility can be assumed for the ultimate performance of this product.



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Ensure the surface is clean, dry and free of greases, oils, rust, and any other extraneous or loosely adhering matter. Undertake a small test application on an inconspicuous area prior to use to ensure suitability.

Shake the can thoroughly for at least two minutes and apply from a distance of 15 – 30cm. Repeat shaking at regular intervals during use.

Optimum results are achieved using a three coat application, applied within 15 minutes of each other. Allow to dry for a minimum of 24 hours especially if finishing with Clear Lacquer [XUK3034].

On completion of use, invert can and depress actuator for a few seconds to prevent nozzle blockage.

7. Availability

400ml aerosols.

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