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## **MATERIAL SAFETY DATA SHEET**

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**Product Name: PROCOLOUR RESISTAD GUTTA (made by mixing 1 part Resistad concentrate with 1 part liquid dye or water)**

**Use:** Clear or dye coloured gutta resist outliner for silk painting.

### **Chemical Composition:**

Contributed by the liquid dye if added instead of water:

0 – 4% dyestuff (of 'Acid', 'Fibre Reactive' or 'Basic' type)

0 – 1.5% ethanol

0 – 7.5% urea

0 – 1.5% diethylene glycol

0 – 0.5% detergent

0 – 0.1% acetic acid

Contributed by the Resistad concentrate:

4 – 6% guar gum

0.5% detergent

1.5% acetic acid

25% fluoropolymer in aqueous emulsion

Balance to 100% is water

Dangerous Goods Class: none assigned

Hazchem code: none assigned

U N Number: none assigned

Subsidiary Risk: none assigned

Poison Schedule: not scheduled

### **Physical description/Properties:**

Appearance: Coloured paste

Odour: Slight

Density @ 20° C: 1.2g/cm<sup>3</sup>

Boiling Point: >80° C

Melting Point: N/A

pH: 5 – 7

Solubility in Water: Disperses

**Fire and Explosion Data:**

Flash point: No data

Extinguishing media suitable: water mist, alcohol resistant foam, CO<sub>2</sub>, dry powder.

Flash point: > 100° C

Hazardous products of combustion: Not Known

**Health Hazard Data:**

Exposure Standards: None assigned

Engineering controls: Use in a well ventilated area. Do not aerosolize.

Internal ingestion: Avoid. If swallowed, do not induce vomiting. Immediately give 2 glasses of water and seek medical attention.

Eyes: Avoid contact. Thoroughly flush exposed eyes with water. Seek medical advice if irritation occurs and persists.

Skin: Avoid excessive contact. Wear impervious gloves if necessary

Respiratory: Avoid breathing excessive vapour. Use in a well ventilated area, otherwise use respiratory protection.

Toxicity: LD<sub>50</sub>, oral >2000mg/kg. OECD 404, skin non irritant. OECD 405 eye non irritant. OECD 406, non sensitising to skin. Ames test, non mutagenic.

Advice for doctor: Treat symptomatically.

**Storage, Transport and Disposal:**

Storage: Not regulated. Store in robust, sealable, labelled containers away from young children. Perishable if frozen.

Transport : Not regulated. Keep away from foodstuffs.

Spills: soak up with absorbent material and flush spill with water.

Disposal: Avoid the disposal of excessive quantities in drains or rivers. Dispose of large amounts as chemical waste, or incinerate. Seek local regulatory disposal advice.

Ecotoxicity: EC<sub>50</sub>, Bacterial toxicity 10,280mg/l DIN 38412 Part 34. EC<sub>50</sub>, Daphnia toxicity 536mg/l in 48hr OECD 202, part 1. EC<sub>100</sub>, 1,280mg/l