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|-------------------|
| <b>43232-1093</b> |
| <b>-4913</b>      |
| <b>-9353</b>      |
| <b>-9503</b>      |

# Material Safety Data Sheet

Infosafe No: 3CM09 Issue Date: March 2007 ISSUED by COLORMAK

Product Name: **Permaset Aqua Metallic and Pearl Colours**  
Not classified as hazardous.

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| <b>43234-1091</b> |
| <b>-1351</b>      |
| <b>-4911</b>      |
| <b>-9501</b>      |

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Chemical Product And Company Identification** Aqueous polymer dispersion with pigment and propriety additives

**Product Name** Permaset Aqua Metallic and Pearl Colours

**Product Codes** 0015 Bright Silver/00192 Copper/0016 Gold Lustre/0017 Pearl White

**Product Use** Textile printing on natural fibres & synthetic substrates.

**Company Name** Colormaker Industries

**Address** 44 Orchard Road, Brookvale  
NSW 2100 Australia

**Telephone Number/Fax** Tel: (02) 9939-7977 Fax: (02) 9939-6685

**Product Type** Aqueous textile printing media.

**Emergency Contact Name** David Stuart

**Emergency Contact Address** 44 Orchard Rd., Brookvale NSW 2100 Australia

**24 hour Contact** +61 438 317 811

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Aqueous polymer dispersion with pigments and specialty additives.

| Ingredients | Name                        | CAS | Proportion | Haz Symbol | Risk Phrase |
|-------------|-----------------------------|-----|------------|------------|-------------|
|             | Acrylic copolymer           | N/A | 25-40 %    |            |             |
|             | Pearl Pigments              | N/A | 10-25 %    |            |             |
|             | Water and minor ingredients | N/A | 45-60 %    |            |             |

## 3. HAZARDS IDENTIFICATION

Harmful if swallowed.

## 4. FIRST AID MEASURES

**Inhalation** Not an inhalation risk.

**Ingestion** Immediately rinse mouth and then drink plenty of water. Seek medical attention.

**Skin** Instantly wash with soap and water and rinse thoroughly. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

**Eye** Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Advice to Doctor** Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Use extinguishing media suited to the primary source of the fire.

**Specific Hazards** No known unusual fire or explosion hazards associated with the product.

**Hazardous Combustion Products** Not flammable, however after evaporation of the aqueous component residual material may decompose evolving toxic fumes and gases.

**Emergency Action in Case of Fire** Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion

## 6. ACCIDENTAL RELEASE MEASURES

**Spills/Disposal** Slippery when spilt. Avoid accidents, clean up immediately. Contain using sand and earth - prevent runoff into drains and waterways. Wear protective equipment to prevent skin and eye contamination. Contain - prevent contamination of drains and waterways. Use absorbent (soil, sand, sawdust, vermiculite). Collect and seal in properly labelled drums for disposal. Wash the area with excess water.

## 7. HANDLING AND STORAGE

**Handling** Handle in accordance with good industrial hygiene and safety practice.

**Storage** Store in a cool, dry place (above 0°C and below 40°C) out of direct sunlight and away from sources of heat.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Other exposure Information.**

A Time Weighted Average (TWA) or a Short Term Exposure Limit (STEL) has not been established by the National Occupational Health and Safety Commission for this product or any of its major ingredients.

**Respiratory Protection** Not generally required.

**Eye Protection** Safety glasses

**Hand Protection** PVC, neoprene or nitrile rubber gloves.

**Body Protection** Overalls or similar protective apparel.

**Hygiene Measures** Wash hands and face before smoking, eating, drinking or using the toilet.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Pigmented liquid.  
 Odour Mild, characteristic.  
 Boiling Point Approx. 100°C (water)  
 Solubility in Water Miscible.  
 Specific Gravity (H<sub>2</sub>O=1) Approx. 1.15 (20°C)  
 pH Value Approx. 9 (25°C)  
 Viscosity Approx 70,000 cP  
 Flash Point Not applicable  
 Flammability Not flammable.

## 10. STABILITY AND REACTIVITY

Stability Stable.  
 Hazardous Will not occur.  
 Polymerization  
 Hazardous No decomposition if used correctly.  
 Decomposition  
 Products

## 11. TOXICOLOGICAL INFORMATION

Inhalation Vapour or spray mist may irritate mucous membranes and respiratory tract  
 Ingestion Ingestion may cause gastric upset, pain, diarrhea, lethargy.  
 Skin Prolonged and/or repeated skin contact may result in irritation.  
 Eye Eye contact may result in slight irritation.

## 12. ECOLOGICAL INFORMATION

Ecological Information No data.  
 Envir. Protection Prevent (undiluted) product reaching ground water, water bodies or sewerage system.

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Comply with local, state and federal regulations.

## 14. TRANSPORT INFORMATION

U.N. Number None Allocated  
 Sub Risk Non hazardous material  
 DG Class None Allocated  
 UN Number (Sea Transport) None Allocated  
 Hazchem Code None Allocated  
 Packing Group None Allocated

## 15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled  
 AICS (Australia) All components listed.

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## 16. OTHER INFORMATION

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### Last Change

This MSDS revision to meet requirements of 'National Code of Practice for the Preparation of Material Safety Data Sheets 3rd Edition [NOHSC:2011(2005)]'

### Use and Restrictions

This MSDS summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. Since Colormaker Industries cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is available on request.

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Point

Fax:+61 2 9939 6685

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