

Infosafe No™ 2CM4A Issue Date : June 2013 ISSUED by COLORMAK

Product Name **PERMASET AQUA PROCESS COLOURS**

Not classified as hazardous

1. Identification

GHS Product Identifier PERMASET AQUA PROCESS COLOURS
Product Code F610-XXXX
Company Name Colormaker Industries
Address 44 Orchard Road Brookvale
NSW 2100 Australia
Telephone/Fax Number Tel: (02) 9939-7977
Fax: (02) 9939-6685
Recommended use of the chemical and restrictions on use Textile printing.
Other Information The information contained herein is based on data considered accurate at the time of issue. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Colormaker Industries assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material. MSDS are updated frequently. Please ensure that you are using the latest copy.

2. Hazard Identification

GHS classification of the substance/mixture Non-Hazardous Substance - Non-Dangerous Goods.
Signal Word (s) None.
Pictogram (s) No symbol
Other Information Hazard classification according to the criteria of Safe Work Australia. Dangerous goods classification according to the Australian Dangerous Goods Code.

3. Composition/information on ingredients

Information on Composition Pigmented aqueous polymer dispersion and specialty additives.

Ingredients	Name	CAS	Proportion
	Water and minor components	N/A	60-100 %
	Acrylic copolymer		10-30 %
	Pigments		1-10 %

4. First-aid measures

Inhalation Not usually an inhalation risk.
Ingestion Rinse mouth thoroughly with water and give water to drink. DO NOT induce vomiting. Contact a doctor or call Poisons Information (Aust. 13 11 26).
Skin Wash with soap and water and rinse thoroughly. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.
Eye contact 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.
Protection for First Aiders Avoid risking your own health and that of others through adherence to safe procedures in all treatment situations. Use of protective equipment such as latex gloves and mouth protection is recommended.

5. Fire-fighting measures

Suitable extinguishing media Use extinguishing media suited to the primary source of the fire.

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Hazards from Combustion Products	Not flammable, however after evaporation of the aqueous component residual material may decompose evolving toxic fumes and gases.
Special Protective Equipment for fire fighters	Fire fighters to wear protective clothing and self-contained breathing apparatus if risk of exposure to products of combustion.
Specific hazards arising from the chemical	There are no known unusual fire or explosion hazards.

6. Accidental release measures

Spills & Disposal	Slippery when spilled. Wear protective equipment to prevent skin and eye contamination. Contain - prevent contamination of drains and waterways. Use absorbent (soil, sand, vermiculite). Collect and seal in properly labelled drums for disposal. Wash area with excess water.
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7. Handling and storage

Precautions for Safe Handling	Handle in accordance with good industrial hygiene and safety practice.
Conditions for safe storage, including any incompatibilities	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.
Other Information	<p>Time Weighted Average (TWA) is the average concentration of the work atmosphere over a normal 8-hour work day and a 40-hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect.</p> <p>STEL (Short Term Exposure Limit) is the average airborne concentration over a 15-minute period which should not be exceeded at any time during a normal 8-hour work day. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at STEL.</p> <p>Where a STEL is not stated, short term exposures should not exceed three times the TWA for more than a total of 30 minutes per eight-hour working day and the STEL should never exceed five times the TWA.</p> <p>Reference: [NOHSC:3008(1995)], [NOHSC:1003(1995)]</p>

9. Physical and chemical properties

Appearance	Opaque liquid.
Colour	Various.
Odour	Mild, characteristic.
Boiling Point	Approx. 100°C (water)
Solubility in Water	Miscible.
Specific Gravity	Approx. 1.15 (20°C)

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pH Approx. 9 (25°C)
Flash Point Not applicable
Flammability Not flammable.

10. Stability and reactivity

Chemical Stability Stable.
Hazardous Polymerization Will not occur.

11. Toxicological Information

Toxicology Information This statement derived from properties of the individual components and products of similar composition.
Acute Toxicity - Oral LD50 rat (oral): > 5,000 mg/kg
Acute Toxicity - Inhalation LC50 rat (by inhalation): 0/12 8 h (IRT)
 No mortality within the stated exposition time as shown in animal studies.
Skin Sensitisation There is no evidence of a skin sensitising potential.
Carcinogenicity Information available provides no indication of carcinogenic effect.
Reproductive Toxicity No data available for product. No effect anticipated.
Serious eye damage/irritation Serious eye damage/irritation rabbit: non-irritant (Draize test)
Mutagenicity No data available concerning mutagenic activity. The chemical composition does not suggest an expectation for such an effect. The product itself has not been tested. The statement is derived from the properties of the individual components.
Respiratory Irritation Spray mist may irritate mucous membranes and respiratory tract.
Skin corrosion/irritation Skin corrosion/irritation rabbit: non-irritant (Draize test)

12. Ecological information

Ecological Information This statement derived from properties of the individual components and products of similar composition.
Persistence and degradability Components other than pigments/fillers:
 Can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.
 > 70 % DOC reduction (OECD 303A; ISO 11733; 92/69 EEC,V, C.10) Easily eliminated from water.
 Pigment/Filler components:
 Persistent and do not biodegrade.
 No evidence of mobility of these components.
Bioaccumulative Potential Significant accumulation in organisms is not to be expected.
Acute Toxicity - Fish LC50 (Leuciscus idus, 96 hr): >100 mg/l
 The product has not been tested. The statement has been derived from data on the individual components.
Acute Toxicity - Bacteria Inhibition of degradation activity in activated sludge is not to be anticipated during introduction of low concentrations.
Other Information The product contains no organically bound halogen (AOX)

13. Disposal considerations

Waste Disposal Comply with local, state and federal regulations.

14. Transport information

Transport Information Not classified as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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15. Regulatory information

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

16. Other Information

Literature HB 76 Dangerous Goods - Initial Emergency Response Guide
References AS 1020 The control of undesirable static electricity.
AS 1076 Code of practice for selection, installation and maintenance of electrical apparatus and associated equipment for use in explosive atmospheres (other than mining applications)
AS/NZS 1336 Recommended practices for occupational eye protection.
AS/NZS1668 The use of Ventilation and Air-conditioning in buildings
AS/NZS 1715 Selection, use and maintenance of respiratory protective equipment.
AS/NZS 1716 Respiratory protective devices.
AS 1940 The storage and handling of flammable and combustible liquids.
AS 2161.1 Occupational protective gloves - Selection, use and maintenance.
AS 2380 Electrical equipment for explosive atmospheres - Explosion protection techniques.
AS3000 Electrical installations (known as the Australian/ New Zealand wiring rules).
AS 3780 The storage and handling of corrosive substances.
International Maritime Dangerous Goods (IMDG) Code.
Contact Person/Point sales@colormaker.com.au
Last Change Supercedes previous issue of November 2012.
Revised to reflect changes to the Code of Practice for Preparation of Safety Data Sheets for Hazardous Substances (December 2011) and Labelling of Workplace Hazardous Chemicals (August 2011).
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