

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.

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

Product Name **PERMASET AQUA PROCESS COLOURS**

Not classified as hazardous

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

**6. Accidental release measures**

<b>Spills &amp; Disposal</b>	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.
------------------------------	--

**7. Handling and storage**

<b>Precautions for Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Conditions for safe storage, including any incompatibilities</b>	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**

<b>Other Exposure Information</b>	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.
<b>Respiratory Protection</b>	Not generally required.
<b>Eye Protection</b>	Safety glasses
<b>Hand Protection</b>	PVC, neoprene or nitrile rubber gloves.
<b>Body Protection</b>	Overalls or similar protective apparel.
<b>Hygiene Measures</b>	Wash hands and face before smoking, eating, drinking or using the toilet.
<b>Other Information</b>	<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**

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

Print Date: 24/06/2013

CS: 1.6.13

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

Product Name **PERMASET AQUA PROCESS COLOURS**

Not classified as hazardous

**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.

&gt; 70 % DOC reduction (OECD 303A; ISO 11733; 92/69 EEC,V, C.10) Easily eliminated from water.

**Bioaccumulative Potential** Pigment/Filler components:  
Persistent and do not biodegrade.

No evidence of mobility of these components.

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.

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

Product Name **PERMASET AQUA PROCESS COLOURS**

Not classified as hazardous

**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).  
**Technical Contact Point** Manager, Technical Services  
Phone: +61 2 9939 7977 (Local: 02 9939 7977)  
Fax: +61 2 9939 6685 (Local: 02 9939 6685)  
Mobile: + 61 404 854 217 (Local: 0404 854 217)  
E:mail: technical@colormaker.com.au  
**Technical Contact Numbers** 02 9939 7977  
...End Of MSDS...

© Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.