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Material Safety Data Sheet

Infosafe No: 3CM09 Issue Date: March 2006 ISSUED by COLORMAK

Product Name: Permaset Aqua Metallic & Pearl Colours

Not classified as hazardous.

Page 1 of 3

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-4913
-9353
-9503

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Chemical Product And Company Identification
Product Name Permaset Aqua Metallic & Pearl Colours
Product Code 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 Phil Reynolds
Emergency Contact Address 44 Orchard Rd., Brookvale NSW 2100 Australia
24 hour Contact +61 411 888 260

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization
 Aqueous polymer dispersion with specialty additives.

Ingredients	Name	CAS	Proportion	Haz Symbol	Risk Phrase
	Water and minor ingredients	N/A	45-60 %		
	Acrylic copolymer	N/A	25-40 %		
	Pearl pigments	N/A	10-25 %		
	Diethylene glycol	111-46-6	1-4 %	Xn	R22

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.

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.

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Page 2 of 3

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 area with excess water.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice.
Store in a cool, dry place (above 0°C and below 40°C) out of direct sunlight and away from sources of heat.

Storage

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Pigmented liquid.

Odour Mild, characteristic.

Boiling Point Approx. 100°C (water)

Solubility in Water Miscible.

Specific Gravity (H₂O=1) Approx. 1.13 (20°C) average

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

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Page 3 of 3

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

No data.

Envir. Protection Prevent (undiluted) product reaching ground water, water bodies or sewage 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.

16. OTHER INFORMATION

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)]'

Uses 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.

Technical Contact Phil Reynolds ph:+61 2 9939-7977 fax:+61 2 9939 6685
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...End Of MSDS...