

Product Name Candy Magnetic Paint	Code 9 555609 801004		
1. Identification of the Product			
Identification of the Product	Water-based Magnetic Paint		
Company Identification	Candy Paint Asia 7B, Jalan PU 7/4,Puchong Utama, 47100 Puchong,Selangor, Malaysia Tel: +60 18 303-9668 Tel : +60 3 7960-3785 Fax: +60 3 8063-3090		
2. Composition / Information on Ingredients			
	CAS Number	EINECS Number	%
Water	7732-18-5	231-791-2	10%
Ferromanganese Power			60%
Triiron tetraoxide	1317-61-9	238-877-9	5%
Butyl Acrylate	141-32-2	205-480-7	25%
3. Hazards Identification			
The preparation is not classified as dangerous according to Directive 1999/45/EC or Directive 67/548/EEC and its amendments.			
4. Emergency and first aid measures			
General advice - Inhaled Exposure	Remove to fresh air		
- Skin Exposure	Wash with warm water and mild soap. If irritation occurs, obtain medical advice immediately		
- Eyes Exposure	Holding eyelids open, do not allow victim to rub their eyes. Gently flush eyes for 10 minutes with large quantities of water. Seek medical advice, if irritation develops or persists.		
- Oral Exposure	Provided the patient is conscious, wash out mouth with water. DO NOT induce patient to vomit. Do not swallow. If symptoms develop, obtain medical attention.		
5. Fire-Fighting Measures			
Fire	Non-flammable. Not considered to be a fire hazard		
Explosion	Not considered to be an explosion hazard		
Extinguishing media	Water spray, dry chemical, carbon dioxide, regular foam		
Special exposure hazards	None		
Hazardous combustion products	Wear proper protective equipment		

Protection against fire	Not applicable
Firefighting, Protective equipment	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
6. Accidental release measures	
Personal precautions	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.
Environmental precautions	Do not discharge into drains, sewers, watercourses or the environment.
Methods of Cleaning up	Absorb spillages onto sand, earth or any suitable adsorbent material. The waste product can then be disposed of an approved landfill or a special refuse dump. Transfer to a disposal. Wash the spillage area clean with water and detergent.
7. Handling and Storage	
Storage	Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.
Handling	When handling observe the usual precautionary measures for chemicals. Do not breathe vapour / spray. Contain solid material, stir before use. Do not mix or blend with other (paint) products. Material is fit for indoor use on ceilings and walls. Avoid all unnecessary exposure. Handle in accordance with good industrial hygiene and safety procedures.
Disposal	From a waste perspective, this product is not considered hazardous and may be disposed of as solid waste in accordance with applicable federal, state, provincial, and local regulations.
8. Exposure Controls / Personal Protection	
Personal protection	
- Respiratory protection	Approved dust or mist respirator should be used if airborne particulate is generated when handling this material.
- Skin protection	When repeated or prolonged contact with hands is likely, appropriate gloves should be used.
- Eyes / Face protection	Appropriate eye protection should be worn. Maintain eye wash fountain and quick-drench facilities in work area.
- Ingestion	When using, do not eat, drink or smoke.
- Industrial hygiene	<ul style="list-style-type: none"> • Do not eat, drink, smoke, or perform other hand-to-mouth activities in product use or handling area. • Wash thoroughly after handling this product.
9. Physical and Chemical Properties	
Appearance and physical state	Liquid
Color	Grey / Blue / Red / Yellow / Green
Odour	Slightly characteristic
Boiling point / range [°C]	100 °C

Flash point [°C]	> 61 °C
Explosive properties	Not explosive
Vapour Pressure	Not applicable
Vapour Density (AIR=1)	> 1
Solubility in water (% w/w)	Partly soluble in water
Evaporation rate (Ether=1)	< 1
Drying time	4 hours at 20 °C and 50% relative humidity
Viscosity	Not available, contains solids, stir before use
Non-volatile matter	Not applicable
10. Stability and reactivity	
Stability	Stable at room temperature. Reaction with water (moisture), this reaction becomes progressively more vigorous at higher temperatures and if its supported by stirring.
Hazardous decomposition products	Unlikely under normal industrial use and at operating temperatures
Materials to avoid	Strong oxidisers, water, bases and strong acids
Conditions to avoid	Excessive temperatures & humidity
Special Remarks on Corrosivity	Not available
Polymerization	Will not occur
11. Toxicological Information	
Toxicity to Animals	Acute oral toxicity (LD50): 4640 mg/kg [Rat]. Acute dermal toxicity (LD50): >5000 mg/kg [Rabbit]
Chronic Effects on Humans	CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. May cause damage to the following organs: lungs, upper respiratory tract.
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Possible carcinogen (tumorgen) based on animal data. No human data found at this time and IARC so far has found inadequate evidence for carcinogenicity in humans.
Special Remarks on other Toxic Effects on Humans	Acute Potential Health Effects: Skin: Skin exposure to titanium dioxide is virtually harmless. It is reported to be a mild irritant and may cause mechanical irritation (irritation from frictional action). It is believed not to be absorbed through intact skin. Eyes : Causes slight temporary reddening and swelling of the conjunctiva and slight reversible clouding of the cornea. Solids could damage the cornea. Ingestion: May cause gastrointestinal (digestive) tract irritation with nausea, vomiting and diarrhea. It is not absorbed following ingestion. No hazard is expected in normal industrial use.

Inhalation: Nuisance dust. May be harmful if inhaled. Causes respiratory tract irritation. May affect respiration and blood.

The cured material meets the needs of the norm BS EN 71-3: Safety of toys. Specification for migration of certain elements (test report 0533/3220, Eurofins Scientific / test report 007.64082/01.01 TNO industrie).

Material contains less than 1.5 mg/kg of lead and less than 0.1 mg/kg of cadmium.

12. Ecological Information

Ecotoxicity	Not available
Mobility	Not available
Products of Biodegradation	Contains titanium dioxide and iron, which are non-biological degradable
Bioaccumulation	Not available

Preparation contains no volatile organic compounds (VOC components), according to the criteria of the directive on VOC products (EU directive 1999/13). A volatile organic compound (VOC) mean any organic compound having at 293,15 K a vapour pressure of 0,01 kPa or more, or having a corresponding volatility under the particular conditions of use

13. Disposal considerations

Waste Disposal	From a waste perspective, this product is not considered hazardous. Do not allow to enter storm drains or sewer systems. All residual material should be emptied and the containers must be disposed of in accordance with your country regulations.
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14. Transport information

Hazards Identification	None
Suggestion according to IATA DGR	The substance is not subject to IATA DGR
Packaging Requirements	The goods are packaged according to the packaging requirement of ordinary goods
Determination of Explosives	The substance is not subject to explosive hazard
Determination of Flammability	In the closed-cup flash point test, fp > 70 °C, so the substance does not belong to flammable liquid.
Determination of Oxidizing Substances	The substance does not belong to oxidizing substances
Determination of Toxic & Infectious Substances	The substance does not belong to toxic & infection substances
Determination of Corrosives	The substance does not belong to corrosives
Determination of other Dangerous Properties	The substance is slightly irritant to eyes and skin, should avoid eyes and skin contact

15. Regulatory information

EG regulations Hazard symbol	Not classified according to the EU regulations.
EU labeling classification	No dangerous substance

R Phrase(s)	R43 May cause sensitization by skin contact
S Phrase(s)	S22 Do not breathe dust S24 Avoid contact with skin S25 Avoid contact with eye
National Fire Protection Association (U.S.A.)	Health: 1 Flammability: 0 Reactivity: 0
HMIS (U.S.A.)	Health Hazard: 1 Fire Hazard: 1 Reactivity: 0 Personal Protection: E
VOC	No / small quantity of organic solvents. Material complies all the requirements of 1999/13/EC directive on VOC products and the limits from directive 2004/42/EC.
16. Other information	
Recommended uses and restrictions	None
References	Not available Safety data sheet according 91/155/EEC -2001/58/EC. Candy Magnetic Paint is a trademark of Candy Paint Asia

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