

Product Name Candy White board Paint		Code	
1. Identification of the Product			
Identification of the Product		Solvent-less Whiteboard Paint	
Company Identification		Candy Paint Asia B15-6-1, Megan Salak Park, Jalan 2/125, Taman Desa Petaling, 57100 Kuala Lumpur Tel : +60 18 6388-269	
2. Composition / Information on Ingredients			
Major ingredients	CAS Number	EINECS Number	
Titanium Dioxide	13463-67- 7		
Deionized Water	7732-18-5		
Propylene Glycol	57-55-6		
3. Hazards Identification			
*** Emergency Overview *** : May cause moderate eye irritation. Harmful if inhaled. Causes eye irritation. Causes skin irritation. May cause allergic skin reaction.			
- Skin Contact	Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material.		
- Eye Contact	Causes eye irritation		
- Inhalation	Prolonged or excessive inhalation may cause respiratory tract irritation. High gas, vapor, mist or dust concentrations may be harmful if inhaled		
- Ingestion	Substance may be harmful if swallowed.		
4. Emergency and first aid measures			
General advice			
- Inhaled Exposure	Remove to fresh air. If continued difficulty is experienced, get medical assistance immediately.		
- 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 15 minutes with large quantities of water. Seek medical advice, if irritation develops or persists.		
- Oral Exposure	Never give anything by mouth to an unconscious person. Get medical aid immediately. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 240 to 300 ml (8 to		

	10 ounces) of water or milk to dilute material in stomach. Obtain medical advice immediately.
5. Fire-Fighting Measures	
Flash Point : 104°C / 220°F (Setaflash)	LOWER EXPLOSIVE LIMIT: 1.3 % UPPER EXPLOSIVE LIMIT : 12.6 % .
Extinguishing Media :	Dry Chemical, Foam, Water Fog
Unusual Fire And Explosion Hazards:	Closed containers may explode when exposed to extreme heat due to buildup of steam. Isolate from heat, electrical equipment, sparks and open flame
Special Firefighting Procedures :	Evacuate area and fight fire from a safe distance.
6. Accidental release measures	
Personal precautions	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.
Methods of Cleaning up	Mix with inert material (e.g. dry sand, vermiculite) and transfer to sealed container for disposal. Avoid raising dust,. Ventilate area and wash spill site after material pickup is complete.
Environmental precautions	Comply with local regulations for container disposal. Notify authorities if product enters sewers or public waters.
After spillage / leakage	Sweep or shovel spills into appropriate container for disposal. Spill area can be washed with water. Collect wash water for approved disposal.
7. Handling and Storage	
Storage	Keep containers tightly closed.. Keep container closed when not in use. Isolate 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	Store in closed containers in a dry place separate from incompatible materials. Keep away from heat and humid storage area.
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	
Engineering Controls	Prevent build-up of vapors by opening all doors and windows to achieve cross -ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

<p>Personal protection</p> <ul style="list-style-type: none"> - Respiratory protection - Skin protection - Eyes / Face protection - Ingestion - Industrial hygiene 	<p>Approved dust or mist respirator should be used if airborne particulate is generated when handling this material.</p> <p>Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection</p> <p>Use safety eyewear designed to protect against splash of liquids.</p> <p>When using, do not eat, drink or smoke.</p> <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. • Remove contaminated clothing immediately and launder before reuse.
<p>9. Physical and Chemical Properties</p>	
<p>Appearance and physical state</p> <p>Color</p> <p>Odour</p> <p>Boiling point / range [°C]</p> <p>Vapour Pressure</p> <p>Vapour Density (AIR-1)</p> <p>Solubility in water (% w/w)</p> <p>Viscosity</p>	<p>Liquid</p> <p>Clear, White, Light Green, Light Beige, Black</p> <p>Slightly</p> <p>220°C</p> <p>Not applicable</p> <p>Heavier than air</p> <p>Soluble in cold water</p> <p>Not applicable</p>
<p>10. Stability and Reactivity</p>	
<p>Stability</p> <p>Hazardous decomposition products</p> <p>Materials to avoid</p> <p>Conditions to avoid</p> <p>Hazardous Polymerization</p>	<p>Stable under ordinary conditions of use and storage</p> <p>When heated to decomposition, it emits acrid smoke and irritating fumes. By open flame, carbon monoxide and carbon dioxide.</p> <p>Water (H₂O) as it will dissolve into liquid at room temperature</p> <p>Avoid contact with strong acid and strong bases.</p> <p>Will not occur under normal conditions.</p>
<p>11. Toxicological Information</p>	
<p>Toxicity to Animals</p> <p>Chronic Effects on Humans</p>	<p>Acute oral toxicity (LD₅₀): 4640 mg/kg [Rat]. Acute dermal toxicity (LD₅₀): >5000 mg/kg [Rabbit]</p> <p>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.</p>

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: Dust may cause mechanical irritation (irritation from frictional action), 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.
12. Ecological Information	
Ecotoxicity	Not available
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation	Not available
13. Disposal considerations	
Waste Disposal	From a waste perspective, this product is not considered hazardous. This product may be shipped in plastic or paper bags and plastic or steel pails. All residual material should be emptied and the containers must be disposed of in accordance with your country regulations. Do not allow to enter storm drains or sewer systems.
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 > 104°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	
Symbol(s)	None
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: 1 Reactivity: 0
HMIS (U.S.A.)	Health Hazard: 1 Fire Hazard: 1 Reactivity: 0 Personal Protection: E
16. Other information	
Recommended uses and restrictions	None
References	Not available
Last Updated	20 Mar., 2012 10:00

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