

Statement of Hazardous Nature

Not a Workplace Hazardous Substance, Dangerous Good or Scheduled Poison.

COMPANY DETAILS	
Company:	NZ Crayons
Address:	629 Pyes Pa Road, Tauranga
Telephone number:	07 543 1222
Emergency numbers:	Poisons and Hazardous Chemicals Urgent Information only: 0800 764 766 Non-Urgent and general information: 643 479 7248

IDENTIFICATION	
Product name:	Education range - Hard or Soft Crayon
Other names:	Cognito, Standard, Giant
Manufacturer codes:	THX, SHU/SHW, SSU/SSW, GH/GS.
Appearance:	Wax Crayon 100x13mm, 130x23mm or 65x20mm
Colours:	Black, Blue, Brown, Crimson, Green, Grey, Lemon, Light Blue, Light green, Lilac, Orange, Orchid, Pink, Purple, Red, Scarlet, Tan, Turquoise, Ultramarine, White, Yellow.

USE
Educational Marking Crayons

COMPOSITION/INFORMATION ON INGREDIENTS		
Chemical Name	CAS No.	Proportion
Pigments		
Titanium dioxide (White)	13463-67-7	<10%
Pigment Black	1317-61-9	<10%
Pigment Blue 15	147-14-8	<10%
Pigment Green	1328-53-6	<10%
Pigment Red 3	2425-85-6	<10%
Pigment Red 57	5281-04-9	<10%
Pigment Yellow 55	6358-37-8	<10%
Pigment Yellow 14	5468-75-7	<10%
Pigment Orange 13	3520-72-7	<10%
Pigment Burnt Umber 655	1309-37-1, 1317-61-9	<10%
Petroleum Wax		
Paraffin Wax	8002-74-2	>60%
Microcrystalline Wax	63231-60-7	
Slack Wax, Petroleum Derived	64742-61-6	
Petroleum Jelly		
White Petroleum jelly	8009-03-8	<10%

Other Ingredients		
Talc (Hydrated Magnesium Silica)	14807-96-6	10-30%
Crystalline Silica	14808-60-7	unknown
Stearic acid	95 57-11-4	<10%
Zinc Stearate	557-05-1	<10%
Calcium carbonate	471-34-1	<10%

HAZARD IDENTIFICATION
Emergency Overview: Waxy feeling solid, with a slight odour. Will burn readily once ignited. No significant health or environmental hazards.

DANGEROUS GOODS INFORMATION				
Ingredients	UN Number:	Dangerous Goods Class:	Hazchem Code:	Toxic Substances Schedule:
Crayons	n/a	n/a	n/a	n/a

ACCUTE HEALTH AFFECTS	
Crayons	
Swallowed:	➤ (Essentially nontoxic) Not expected to be harmful if swallowed.
Eye:	➤ Not expected to be harmful. Heated: May cause burns to eye.
Skin:	➤ Not expected to be harmful. Heated: May cause burns to skin.
Inhaled:	➤ At room temperature there are no vapors and no inhalation hazard. If overheated: May cause irritation of the nose, throat and lungs.

CHRONIC HEALTH AFFECTS
Crayons
Not Applicable

FIRST AID MEASURES	
Crayons	
Swallowed:	➤ If product enters mouth, thoroughly wash mouth with water and then give some water to drink. Further measures should not be necessary.
Eye:	➤ If product comes into contact with the eyes, hold open and wash with running water.
Skin:	➤ If product comes into contact with skin, wash skin with soap and water. Molten Product: contact with skin, don't attempt to remove. Cool under running water for 15 minutes, wrap in wet bandage and take to hospital or doctor.
Inhaled:	➤ If hot fumes are inhaled, remove to fresh air. Keep at rest until fully recovered. If unusual symptoms develop, seek medical attention.
First-aid facilities:	➤ Eye wash and safety shower, plus normal washroom facilities nearby.
Advice to Doctor:	➤ Treat symptomatically

PHYSICAL DESCRIPTION & PROPERTIES		
Boiling Point/Melting Point:		
	Pigment	>1000°C
	Petroleum Wax & Jelly	MP 45-120°C, BP n/a, decomposes.
	Talc Powder	1250°C
	Zinc Stearate	MP 120-130°C, BP decomposes >250°C
	Stearic acid	MP 69-72°C, BP 360°C
Vapour pressure:		
	Pigment	n/a
	Petroleum Wax & Jelly	Low at 20°C
	Other ingredients	n/a
Specific gravity:		
	Pigment	4,6 g/cm ³ at 20°C
	Petroleum Wax & Jelly	0.92 approx. at 20°C
	Talc	2.70-2.80 g/cm ³ at 20°C
	Zinc Stearate	1.1 g/cm ³ at 20°C
	Stearic acid	0.9 g/cm ³ at 20°C
Flash point:		
	Pigment	n/a
	Petroleum Wax & Jelly	> 220 °C, (PMCC, ASTM D93)
	Talc	n/a
	Zinc Stearate	approx. 277°C
	Stearic acid	approx. 200°C
Flammability limits:		
	Pigment	n/a
	Petroleum Wax & Jelly	n/a
	Talc	Non-Flammable
	Zinc Stearate	Not reported
	Stearic acid	Not reported
Solubility in water:		
	Pigment	Insoluble
	Petroleum Wax & Jelly	Insoluble
	Other ingredients	Insoluble
Other properties:		
	Pigment	n/a
	Petroleum Wax & Jelly	n/a
	Talc	n/a

PRECAUTIONS FOR USE		
Exposure Standards:		
	Pigment	n/a
	Petroleum Wax & Jelly	Paraffin Wax (Fume) 2mg/m3 TWA. This figure is unlikely to be approached unless product is very hot.
	Other ingredients	n/a

Engineering controls:		
	Pigment	n/a
	Petroleum Wax & Jelly	n/a
	Talc	n/a
Personal Protection:		
	Crayons	Avoid inhaling heated vapour or fumes. Hot Molten product: safety glasses with side shields, or chemical goggles. Heat protective gloves.
Flammability:		
	Crayons	Carbon dioxide, dry chemical foam. DO NOT USE WATER. Water on molten products may lead to steam eruptions causing molten products to be ejected and thus adding to fire load.

SAFE HANDLING INFORMATION		
Storage and transport:		
	Crayons	Storage: keep in a cool area, avoid open flame and avoid static build up. Transportation: goods considered Non-Hazardous.
Spills and Disposal:		
	Crayons	Spills: prevent spills from entering drains or water courses. Sweep up and shovel or collect recoverable products for recycling or salvage. Decomposition: Decomposition products are toxic. Carbon monoxide and smoke (if combustion is incomplete). May be incinerated by approved facility. Fire-fighters may need to wear self contained breathing apparatus.
Fire/explosion Hazard		
	Crayons	Not easily ignitable due to a high flashpoint, however, it can ignite and burn under fire conditions.

OTHER INFORMATION		
Contact Point:	Managing Director: Roger Gilbertson Phone/Fax: 07 543 1222 Email: admin@nzcrayons.co.nz	

Disclaimer

The data and information presented herein corresponds to the present state of our knowledge and experience and is intended to describe our product with respect to possible occupational health and safety concerns. The user of this product has sole responsibility to determine the suitability of the product for any use and manner of use intended, and for determining the regulations applicable to such in the relevant jurisdiction.