



"RESPONSIVE,
INNOVATIVE,
SOLUTION FINDERS"

FIVE STAR PRODUCTS LTD
www.5starproducts.co.nz
03 349 6514
3 Chinook Place, Hornby
PO Box 16017, Hornby,
Christchurch 8441, New Zealand

Safety Data Sheet

Coloured Pencils

1. Identification of Material and Supplier

Product Name: COLOURED PENCILS
Product Code: CP12, CP6H, CPPRO48, CPPROW48, PHB12, PHBH144
Recommended Use: COLOURING • DRAWING
Company: Five Star Products Limited
Address: 3 Chinook Place, Hornby, Christchurch 8042, NZ
Emergency Telephone: (03) 349 6514 ask for Technical Manager
Telephone/Fax number: Tel: (03) 349 6514
New Zealand National Poison Centre: 0800 POISON (0800 764 766)

2. Hazards Identification

GHS classification of the substance/mixture Not classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433F:2012 Transport of Dangerous Goods on Land

3. Composition/information of Ingredients

Ingredient	CAS Number	EC Number	Content
Zinc Disterate	557-05-01	209-151-9	Not Available
KAOLIN	1332-58-7	265-064-6	up to 20%
SODIUM CARBOXYMETHYL CELLULOSE	9004-32-4	900-432-4	up to 8%
MICROCRYSTALLINE WAX	8002-74-2	232-315-6	up to 5%
C.I.P.R 21	6410-26-0	229-093-4	Not Available
C.I.P.R 57:1	9/04/5281	226-109-5	Not Available
C.I.P.Y 12	6358-85-6	228-787-8	Not Available
C.I.Pigment White 6	13463-67-7	236-675-5	Not Available
Carbon Black	1333-86-4	215-609-9	Not Available
C.I.P.O 13	3520-72-7	222-530-3	Not Available
C.I.P.G 7	1328-53-6	215-524-7	Not Available
C.I.P.Y 14	5468-75-7	226-789-3	Not Available
C.I.P.B 15:0	147-14-8	205-685-1	Not Available
C.I.P.Y 7	1328-53-6	215-524-7	Not Available
C.I.P.B 15:3	147-14-8	205-685-1	Not Available
C.I.P.V 1	1326-03-0	215-413-3	Not Available
C.I.P.V 23	6358-30-1	228-767-9	Not Available
C.I.P.R 21	6410-26-0	229-096-4	Not Available

4. First Aid Measures

Inhalation: Irritating to mucous membranes and respiratory system. Provide fresh air, give oxygen or artificial respiration if breathing laboured
Ingestion: Do not induce vomiting. Give 1-2 glasses of water and if you are concerned seek medical attention.
Skin: Wash skin thoroughly with soap and water
Eye: Flush eye thoroughly with copious amounts of water for at least 5 minutes. Retract eyelids frequently. Seek medical attention if irritation persists.
Advise to doctor: Treat symptomatically.

Health Effects

Inhalation: Irritating to mucous membranes and respiratory system
Ingestion: Can be harmful if swallowed
Skin: Mildly irritating to skin upon repeated or prolonged contact
Eye: Irritating to eyes
Long Term Hazard: None anticipated with this product

5. Fire Fighting Measures

Extinguishing media:	Not Flammable. Foam dry chemical, carbon dioxide. Water may be ineffective.
Specific Hazards:	Not Flammable
Special Fire fighting Procedures:	Not Flammable
Special protective equipment:	Wear full protective clothing and self contained breathing apparatus. Use equipment/media appropriate to surrounding fire conditions.
Decomposition Products:	None
Flammable limits:	In air (%vol) LEL: NA UEL: NA
Hazchem code:	None allocated

6. Accidental Release Measure

Emergency Procedures:	Absorb with sand or earth. Shovel up and place in a labelled, sealable container for subsequent disposal. Flush the contaminated area with plenty of water. Dyke spill and transfer to a salvage tank if possible. Absorb remainder with sand or earth and shovel to sealable containers for disposal. Could contaminate waterways. Contaminated absorbent to be deposited in a secure landfill in accordance with Local Government regulations.
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7. Handling and Storage

Safe storage:	Store in dry area out of direct sunlight. Maintain product in sealed packaging as supplied.
Store Temperature:	Maximum 40°C - Minimum 1°C
Safe Handling:	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. Exposure Controls/Personal Protection

National Exposure standards:

Ingredient	Reference	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Zinc Disterate	USA - OSHA	--	15	--	--
KAOLIN	SWA (AUS)	--	10	--	--
MICROCRYSTALLINE WAX	SWA (AUS)	--	2	--	--
C.I.Pigment White 6	SWA (AUS)	--	10	--	--
Carbon Black	SWA (AUS)	--	3	--	--

Biological Limit Values:	No biological limit values available for this product.
Engineering Controls:	Not ordinarily required other than following normal "good use practices" for when coloured pencils.
Respiratory Protection:	Not required under normal conditions of use.
Eye Protection:	Not required under normal conditions of use.
Hand Protection:	Not required under normal conditions of use.
Body Protection:	Not required under normal conditions of use.

9. Physical and Chemical Properties

Appearance:	SOLID ODOURLESS
Colour:	Assorted
Odour:	Not available
Melting Point:	2500°C to 3000°C
Boiling Point:	NON FLAMMABLE NOT RELEVANT
Solubility in Water (g/l):	7.0 to 9.5
Flash Point:	NOT AVAILABLE
Flammability	Not Flammable (finished pencil will burn)

10. Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Avoid heat, sparks, open flames and other ignition sources.
Incompatible Materials:	Compatible with most commonly used materials.
Hazardous Decomposition Products:	May evolve toxic gases if heated to decomposition.
Hazardous Polymerization:	Polymerization is not expected to occur.

11. Toxicological Data			
Ingredient	Oral Toxicity (LD50)	Dermal Toxicity (LD50)	Inhalation Toxicity (LC50)
C.I.PO 13 3520-72-7	> 5000mg/kg (Rat)	No information available	No information available
C.I.PY 12 6358-85-6	> 10800mg/kg (Rat)	No information available	No information available
C.I.PY 14 5468-75-7	> 5000mg/kg (Rat)	No information available	No information available
CARBON BLACK 1333-86-4	> 15400mg/kg (Rat)	> 3000mg/kg (Rabbit)	No information available
Zinc Distearate 557-05-1	> 10000mg/kg (Rat)	No information available	No information available
SODIUM CARBOXYMETHYL CELLULOSE 9004-32-4	> 27000mg/kg (Rat)	> 2000mg/kg (Rabbit)	.5.8mg/l (rat)

Acute Toxicology:

This product is expected to be of low toxicity. Under normal conditions of use, adverse health effects are not anticipated.

Inhalation -	No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation exposure.
Ingestion -	No significant signs or symptoms indicative of any health hazard are expected to occur as a result of small ingestion.
Skin -	No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of skin exposure.
Eye -	Not known. May irritate the eyes.
Chronic Effects -	Not known.
Genetic Toxicology:	NA
Reproductive Toxicology:	NA

12. Ecological Information

Ecotoxicity:	No information available for this product.
Persistence and degradability:	No information available for this product.
Mobility:	No information available for this product.
Environmental Fate:	No information available for this product.
Bioaccumulative Potential:	No information available for this product.

13. Disposal Considerations

Waste Disposal:	Follow Local Government regulations for disposal of the waste.
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14. Transport Information

Transport information New Zealand:	No special precaution necessary other than to ensure good packaging practices are followed to ensure if damaged does not occur.
UN Number:	NA
Proper Shipping Name:	NA
DG Class:	NA
Hazchem Code:	NA
Packing Group:	NA

15. Regulatory Information

Hazard Classifications New Zealand:	No HSNO Classification applies
HSNO Approval:	Group Standard - HSR008053 Graphic Materials Group Standard 2020
Toxic Substance Schedule:	NA

16. Other Information

Revision Date:	SDS Reviewed February 2025
Legend to abbreviations and Acronyms:	NA = Not Applicable C = Celcuis
Literature References:	No data available
Sources for Data:	No data available

Disclaimer

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"Nothing in the Consumer Guarantees Act 1993 relating to any express guarantees made by the manufacturer in relation to the information contained herein shall apply where the purchaser of the goods will use those goods for business purpose or any other purpose which is not a domestic purpose".