

Safety Data Sheet
Regulation (EC) No. 1907/2006, 1272/2008

Issue Date: 2024-09-06

SECTION 1: Identification of the substance/mixture and of the company/undertaking

• **1.1 Product identifier**

- **Trade name:** Water Colour Cake / Water Colour Block
- **Registration number:** Data not available

• **1.2 Relevant identified uses of the substance or mixture and uses advised against on**

- **Application of the substance/ mixture:** Painting.

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

NINGBO KANHO CRAFTS CO.,LTD

#201,Building 2,No.6o Xianxiang Middle Road,Xianxiang Town,Yinzhou District,Ningbo,China,315141

Tel: +086-0574-88120253

Fax:

Email: denny@kanhocrafts.com

- **Only Representative/other EU contact point:** Information not available
- **Further information obtainable from:**

• **1.4 Emergency telephone number**

National Poisons Information Service

Tel: /

SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

Classification according to regulation (EC) 1272/2008: The product is not classified according to CLP Regulation.

• **Classification system:**

The classification is according to the latest edition of Regulation 1272/2008, and extended by company and literature data.

• **2.2 Label elements**

- **Labeling according to Regulation (EC) No 1272/2008:** Not applicable
- **Hazard pictograms:** Not applicable
- **Signal word:** Not applicable
- **Hazard statements:** Not applicable
- **Precautionary statement:** Not applicable

• **2.3 Other hazards**

• **Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

SECTION 3: Composition/information on ingredients

• **3.1 Chemical characterization:** Mixture

- **Description:** Mixture of the substances listed below with nonhazardous additions.

• **Component:**

CAS No.: 471-34-1	Calcium carbonate	75%
EC No.: 207-439-9	substance with a Community workplace exposure limit	

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CAS No.: 7732-18-5 EC No.: 231-791-2	Water	10%
CAS No.: 84012-34-0 EC No.: 935-477-2	Peach gum	10%
Red Toner:		
CAS No.: 980-26-7 EC No.: 213-561-3	C.I. Pigment Red 122	5%
Yellow Toner:		
CAS No.: 6358-37-8 EC No.: 228-771-0	Pigment Yellow 55	5%
Blue Toner:		
CAS No.: 81-77-6 EC No.: 201-375-5	C.I. Pigment Blue 60	5%
Green Toner:		
CAS No.: 1328-53-6 EC No.: 215-524-7	C.I. Pigment Green 7	5%
Purple Toner:		
CAS No.: 103443-41-0	Pigment Violet 2:2	5%
Orange Toner:		
CAS No.: 21889-27-0 EC No.: 244-635-3	4-[(3-chlorophenyl)azo]-3-hydroxy-N-(2-methoxyphenyl)naphthalene-2-carboxamide	5%
Black Toner:		
CAS No.: 83524-75-8 EC No.: 280-472-4	Black L-0086	5%
White Toner:		
CAS No.: 1345-05-7 EC No.: 215-715-5	Barium zinc sulfate sulfide	5%

SECTION 4: First aid measures

• 4.1 Description of first aid measures

General advice: No special medical attention required.

After inhalation: Supple with fresh air; Consult doctor if you feel unwell.

After skin contact: No special measures required. If skin irritation or allergy occurs: Get medical advice/attention.

After eye contact: Rinse eyes with water. If eye irritation persists: Get medical advice/attention.

After swallowing: Wash mouth. Get medical attention if you feel unwell.

• **4.2 Most important symptoms and effects, both acute and delayed:** There is not any known symptom or effect.

• **4.3 Indication of any immediate medical attention and special treatment needed:** No special immediate medical attention or special treatment needed.

SECTION 5: Fire-fighting measures

• 5.1 Extinguishing media

• **Suitable extinguishing agents:** Not flammable paste, use the suitable extinguishing agent surrounding condition.

• **5.2 Special hazards arising from the substance or mixture:** No special hazards arising from the mixture.

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• 5.3 Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus if necessary.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures:

Cut off leakage source and collect spillage timely; Ensure adequate ventilation; Prevent contact with eyes.

• 6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.

• 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Dispose contaminated material as waste according to section 13.

• 6.4 Reference to other sections:

See section 7 for information on safe handling; See section 8 for information on personal protection equipment; See section 13 for disposal information.

SECTION 7: Handling and storage

• 7.1 Precautions for safe handling: Prevent contact with eyes.

• Information about fire and explosion protection: Normal measures for preventive fire protection.

• 7.2 Conditions for safe storage, including any non-compatibility

• Requirements to be met by storerooms and receptacles: Store in a cool and well-ventilation location.

• Information about storage in one common storage facility: Keep out of reach of children.

• Further information about storage conditions: Store locked up.

• 7.3 Specific end use(s): Painting.

SECTION 8: Exposure controls/personal protection

• 8.1 Control parameters

• Ingredients with limit values that require monitoring at the workplace:

Country	Limit value - Eight hours	Limit value - Short term
471-34-1 Calcium carbonate		
France	10 mg/m ³ Inhalable aerosol	-
Hungary	10 mg/m ³ Inhalable aerosol	-
Ireland	10 mg/m ³ Inhalable fraction; 4 mg/m ³ Respirable fraction	-
Latvia	6 mg/m ³	-
Poland	10 mg/m ³	-
United Kingdom	10 mg/m ³ Inhalable fraction; 4 mg/m ³ Respirable fraction	-

• DNELs:

DNEL type	DNEL worker value	DNEL consumer value
471-34-1 Calcium carbonate		

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Local effects	Long-term, inhalation exposure	4.26 mg/m ³	1.06 mg/m ³
• PNECs:			
PNEC type		Value	
471-34-1 Calcium carbonate			
Sewage treatment plant (STP)		100 mg/L	
• Additional information: The lists valid during the marking were used as basis.			
• 8.2 Exposure controls			
• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.			
• Appropriate engineering controls:			
Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work; See section 7 for information about design of technical facilities.			
• Personal protective equipment			
• Respiration protection: Dust mask is recommended.			
• Protection of hands: No special protection of hands required.			
• Eye protection: No special eye protection required.			
• Environmental exposure controls:			
Control measures must be made in accordance with Community environmental protection legislation.			

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

• Appearance:

Form	Paste
Color	24 colors
Odor	Odorless
Odor threshold	Not applicable
• pH-value	6-8 (10% water solution) at 20 °C
• Change in condition	
Melting point/melting range	Not determined
Boiling point and boiling range	Not determined
• Freezing point	Not determined
• Flash point	Not determined
• Flammability(solid, gas)	Not flammable solid.
• Decomposition temperature	Not determined
• Self-ignition	Product is not self-igniting
• Danger of explosion	Product does not present explosive hazard
• Explosion limits	
Lower:	Not explosive
Upper:	Not explosive
• Oxidizing properties	No oxidation
• Vapor pressure	Not determined
• Density	Not determined
• Relative density	Not determined
• Vapor density	Not determined
• Evaporation rate	Not determined
• Solubility in/Miscibility with	

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Water	Part is soluble in water
• Partition coefficient (n-octanol/water)	Not determined
• Viscosity	
Dynamic	Not determined
Kinematic	Not determined
• 9.2 Other information	Data not available

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No decomposition if used according to specification.
- **10.2 Chemical stability:** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions:** No further relevant information available.
- **10.4 Conditions to avoid:** High temperature.
- **10.5 Incompatible materials:** Strong acid, strong oxidizing agent and alkali metals.
- **10.6 Hazardous decomposition products:** No known hazardous decomposition products.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** No animal test has been done for this product or the components.

471-34-1 Calcium carbonate		
Rat	LD50-oral	6450mg/kg
980-26-7 C.I. Pigment Red 122		
Rabbit	LD50-skin	>3000mg/kg
Rat	LD50-oral	>23000mg/kg
81-77-6 C.I. Pigment Blue 60		
Rat	LD50-oral	2000mg/kg
1328-53-6 C.I. Pigment Green 7		
Rat	LD50-oral	>10000mg/kg
Remark: All the above data are from literature.		

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eyes damage/ irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**

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- **Aquatic toxicity:** Not hazardous to the aquatic environment.

471-34-1 Calcium carbonate	
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 14 mg/L
Toxicity to microorganisms	EC50 (3 h) 1 g/L
81-77-6 C.I. Pigment Blue 60	
Short-term toxicity to fish	LC50 (4 days) 10 g/L NOEC (4 days) 10 g/L
Short-term toxicity to aquatic invertebrates	LC50 (48 h) 1 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 1 mg/L
Toxicity to microorganisms	EC50 (30 min) 8.12 g/L
1328-53-6 C.I. Pigment Green 7	
Short-term toxicity to fish	LC50 (4 days) 752.4 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 500 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 1 mg/L LOEC (21 days) 1 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 100 mg/L
Toxicity to microorganisms	EC50 (30 min) 10 g/L

- **12.2 Persistence and degradability:** Readily biodegradable.

- **12.3 Bio-accumulative potential:** Low bio-accumulation.

81-77-6	C.I. Pigment Blue 60	Log Pow=1.78 at 20 °C
1328-53-6	C.I. Pigment Green 7	Log Pow= 0.88 - -0.4 at 23 °C

- **12.4 Mobility in soil:** Low mobility in soil.

- **12.5 Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

- **12.6 Other adverse effects:** No further relevant information available.

- **12.7 Additional ecological information**

- **General notes:** Water hazard class 1 (German Regulation) (self-assessment): Slightly hazardous for water.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

- **13.1 Waste treatment methods**

• **Recommendation:** Small quantities can be disposed together with household garbage; Large quantities disposed must be in according to the local regulation.

- **13.2 Un-cleaned packaging**

• **Recommendation:** Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

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• 14.1 UN-Number ADR, RID, ADN, IMDG, IATA	Not regulated as dangerous transport goods, not applicable
• 14.2 UN proper shipping name ADR, RID, ADN, IMDG, IATA	Void
• 14.3 Transport hazard class (es) ADR, RID, ADN, IMDG, IATA Class Label	Void Void
• 14.4 Packing group ADR, RID, ADN, IMDG, IATA	Void
• 14.5 Marine pollution	No
• 14.6 Special precautions for user Danger code (Kemler) EMS Number	Void Void Void
• 14.7 UN "Model Regulation"	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **MAK (German Maximum Workplace Concentration):** None of the ingredients is listed.
- **Directive 2012/18/EU**
- **Named dangerous substances-ANNEX I:** None of the ingredients is listed.
- **National regulations.**
- **Water hazard class:** Water hazard class 1 (German Regulation) (self-assessment): Slightly hazardous for water.
- **Other regulations, limitations and prohibitive regulations**
- **SVHC Candidate list of REACH Regulation Annex XIV Authorization:** None of the ingredients is listed.
- **REACH Regulation Annex XVII Restriction:** None of the ingredients is listed.
- **REACH Regulation Annex XIV Authorization List:** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

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IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

NOEC: No observed effect concentration

LOEC: Lowest Observed Effect Concentration

EC50: Concentration of maximal effect, 50 percent

End of safety data sheet