

**SAFETY DATA SHEET**According to UN GHS

24 Colors Acrylic Paint

Version 1.0

Issue date: 31/01/2019

Revision date: 31/01/2019

SDS Record Number: CSSS-TCO-010-130215

**1. Identification**

GHS product identifier: 24 Colors Acrylic Paint  
 Other means of identification: See section 3  
 Recommended use of the chemical and restrictions on use:  
 Recommended use: Painting.  
 Recommended Restrictions: Not available  
 Supplier's details:  
 Supplier(Manufacturer):  
 Address:  
 Contact person(E-mail):  
 Telephone:  
 Fax:  
 Emergency phone number: +86-577-81752533

**2. Hazards identification**

Classification of the substance or mixture:

Physical hazards: Not classified  
 Health hazards: Not classified  
 Environmental hazards: Not classified

GHS label elements, including precautionary statements:

Hazard Pictograms: : No hazard pictogram is used.  
 Signal word: No signal word is used.  
 Hazard statement: Not applicable.

Precautionary statement:

Prevention: Not applicable.  
 Response: Not applicable.  
 Storage: Not applicable.  
 Disposal: Not applicable.

Other hazards which do not result in classification: Not applicable

**3. Composition/information on ingredients**

Substance/Mixture: Article

Ingredient(s):

Chemical Name	CAS No.	EC No.	Concentration						Classification
			Scarlet (Red)	Vermilion	Rubine Red	Crimson Red	Lemon Yellow	Medium Yellow (Yellow)	
Water	7732-18-5	231-791-2	86.1%	65.6%	65.9%	65.6%	66.1%	65.1%	Not Classified
PVA	9002-89-5	N/A	15%						Not Classified

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Calcium Carbonate	471-34-1	207-439-9	10%						Not Classified
Starch	9005-25-8	232-679-6	5%						Not Classified
pigment yellow G	2512-29-0	219-730-8	-	0.5%	-	-	-	4%	Not Classified
ALLURA RED	25956-17-6	247-368-0	3%	3%	3%	3%	-	-	Not Classified
pigment yellow 10G	6486-23-3	229-355-1	-	-	-	-	3%	-	Not Classified
Carbomer	76050-42-5	N/A	0.8%						Not Classified
brilliant blue FCF	3844-45-9	223-339-8	-	-	0.2%	0.5%	-	-	Not Classified
potassium sorbate	590-00-1	246-376-1	0.1%						H319
Chemical Name	CAS No.	EC No.	Concentration						Classification
			Golden Yellow	Cerulean Blue	Prussian Blue (Blue)	Deep Blue	Ultramarine Blue	Viridian (Green)	
Water	7732-18-5	231-791-2	65.1%	68.1%	66.1%	64.1%	65.1%	66.1%	Not Classified
PVA	9002-89-5	N/A	15%						Not Classified
Calcium Carbonate	471-34-1	207-439-9	10%						Not Classified
Starch	9005-25-8	232-679-6	5%						Not Classified
brilliant blue FCF	3844-45-9	223-339-8	-	1%	3%	5%	3%	2%	Not Classified
pigment yellow G	2512-29-0	219-730-8	3.5%	-	-	-	-	1%	Not Classified
Permanent Violet RL	6358-30-1	228-767-9	-	-	-	-	1%	-	Not Classified
Carbomer	76050-42-5	N/A	0.8%						Not Classified
ALLURA RED	25956-17-6	247-368-0	0.5%	-	-	-	-	-	Not Classified
potassium sorbate	590-00-1	246-376-1	0.1%						H319
Chemical Name	CAS No.	EC No.	Concentration						Classification
			Green Pale	deep Green	Emerald green	White	Black	Orange	
Water	7732-18-5	231-791-2	66.6%	65.1%	66.1%	62.1%	66.1%	65.1%	Not Classified
PVA	9002-89-5	N/A	15%						Not Classified

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Calcium Carbonate	471-34-1	207-439-9	10%						Not Classified
Starch	9005-25-8	232-679-6	5%						Not Classified
Titanium dioxide	13463-67-7	238-675-5	-	-	-	7%	3%	-	Not Classified
pigment yellow G	2512-29-0	219-730-8	1%	1%	1.5%	-	-	3%	Not Classified
brilliant blue FCF	3844-45-9	223-339-8	1.5%	3%	1.5%	-	-	-	Not Classified
ALLURA RED	25956-17-6	247-368-0	-	-	-	-	-	1%	Not Classified
Carbomer	76050-42-5	N/A	0.8%						Not Classified
potassium sorbate	590-00-1	246-376-1	0.1%						H319
Chemical Name	CAS No.	EC No.	Concentration						Classification
			Pink	Purple	Light Purple	Brown (Burnt Umber)	Burnt Sienna	Yellow Ochre	
Water	7732-18-5	231-791-2	66.9%	66.1%	68.1%	63.6%	64.3%	64.8%	Not Classified
PVA	9002-89-5	N/A	15%						Not Classified
Calcium Carbonate	471-34-1	207-439-9	10%						Not Classified
Starch	9005-25-8	232-679-6	5%						Not Classified
pigment yellow G	2512-29-0	219-730-8	-	-	-	2%	1.5%	3%	Not Classified
ALLURA RED	25956-17-6	247-368-0	2%	-	-	3%	3%	1%	Not Classified
Permanent Violet RL	6358-30-1	228-767-9	0.2%	3%	1%	-	-	-	Not Classified
Carbomer	76050-42-5	N/A	0.8%						Not Classified
brilliant blue FCF	3844-45-9	223-339-8	-	-	-	0.5%	0.3%	0.3%	Not Classified
potassium sorbate	590-00-1	246-376-1	0.1%						H319

#### 4. First aid measures

##### Description of necessary first-aid measures:

###### Inhalation:

None expected to require first aid measures. If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

###### Skin:

None expected to require first aid measures. Wash thoroughly with soap and water.

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<b>Eye:</b>	Get medical attention in the unlikely event that irritation persists. None expected to require first aid measures. Flush with running water for at least 15 minutes. If irritation persists get medical attention.
<b>Ingestion:</b>	Immediate first aid is not likely to be required. A physician or poison control center can be contacted for advice.
<b>Most important symptoms/effects, acute and delayed:</b>	The product is not classified as harmful to human health effect.
<b>Indication of immediate medical attention and special treatment needed, if necessary:</b>	Treat symptomatically.

### 5. Fire-fighting measures

<b>Suitable extinguishing media:</b>	Use extinguishing agents appropriate for surrounding fire.
<b>Unsuitable extinguishing media:</b>	Water with full jet.
<b>Specific hazards arising from the chemical:</b>	Hazardous decomposition products formed under fire conditions. - Carbon oxides and other toxic fumes.
<b>Special protective actions for fire-fighters:</b>	Wear self-contained breathing apparatus for fire fighting if necessary.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	
<b>For non-emergency personnel:</b>	Prevent further leakage or spillage if safe to do so. Keep away from Incompatible products.
<b>For emergency responders:</b>	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area. Wear suitable protective clothing.
<b>Environmental precautions:</b>	Should not be released into the environment. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
<b>Methods and materials for containment and cleaning up:</b>	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

### 7. Handling and storage

<b>Precautions for safe handling:</b>	Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.
<b>Conditions for safe storage, including any incompatibilities:</b>	Store in original container. Keep in a well-ventilated place. Keep in a dry place. Keep in properly labelled containers. Keep container closed. Keep away from incompatible products.

### 8. Exposure controls/personal protection

<b>Control parameters:</b>		Calcium Carbonate(CAS# 471-34-1): ADOPTED LIMITS- VLA-ED:10 mg/m3 (Spain)						
Country	Substance	EINECS No.	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		
				ppm	mg/ m3	ppm	mg/ m3	Note
Ireland	Starch total inhalable dust respirable dust	232-679-6	9005-25-8	-	10	-	-	-
				-	4	-	-	-
Ireland	Titanium dioxide total inhalable dust respirable dust	236-675-5	13463-67-7	-	10	-	-	-
				-	4	-	-	-

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**Appropriate engineering controls:** Use adequate ventilation to keep airborne concentrations low.

**Individual protection measures, such as personal protective equipment (PPE):**

**Eye/face protection:** No special requirements.  
**Skin protection:** No special requirements. Wear gloves if necessary.  
**Respiratory protection:** No special requirements.  
**Thermal hazards:** No special requirements.

### 9. Physical and chemical properties and safety characteristics

<b>Appearance:</b>	Liquid
<b>Colour:</b>	24 Colors
<b>Odour:</b>	Not available
<b>Odour threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting point/range (°C):</b>	825 °C(CAS#471-34-1)
<b>Boiling point/range (°C):</b>	Not available
<b>Flash point (°C):</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability limit - lower (%):</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Ignition temperature (°C):</b>	Not available
<b>Upper/lower explosive limits:</b>	Not available
<b>Vapour pressure (20°C):</b>	Not available
<b>Vapour density:</b>	Not available
<b>Relative Density:</b>	2.93 (20 °C) (CAS#471-34-1)
<b>Bulk density (kg/m<sup>3</sup>):</b>	Not available
<b>Water solubility (g/l):</b>	0.017 g/L(20 °C) (CAS#471-34-1)
<b>n-Octanol/Water (log Po/w):</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity, dynamic (mPa.s):</b>	Not available
<b>Explosive properties:</b>	Not available
<b>Oxidising properties:</b>	Not available
<b>Fat solubility(solvent-oil to be specified)</b>	Not available
<b>etc:</b>	
<b>Surface tension:</b>	Not available
<b>Dissociation constant in water( pKa):</b>	Not available
<b>Oxidation-reduction Potential:</b>	Not available

### 10. Stability and reactivity

<b>Reactivity:</b>	The substance is stable under normal storage and handling conditions.
<b>Chemical stability:</b>	Stable at room temperature in closed containers under normal storage and handling conditions.
<b>Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>Conditions to avoid:</b>	Incompatible materials.
<b>Incompatible materials:</b>	Strong acid, strong bases, strong oxidizing agents.

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**Hazardous decomposition products:** Carbon oxides and other toxic fumes.

### 11. Toxicological information

**Acute toxicity:**

**Calcium carbonate (CAS#471-34-1):**

LD50(Oral, Rat): > 2000 mg/kg bw (female)

LD50(Dermal, Rabbit): > 2000 mg/kg bw

LC50(Inhalation, Rat): > 3 mg/L 4 h

**Skin corrosion/irritation:** Not classified

**Serious eye damage/irritation:** Not classified

**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**STOT- single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** Not classified

### 12. Ecological information

**Toxicity: Calcium carbonate (CAS#471-34-1):**

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	> 14 mg/L	72h	Algae	OECD 201	N/A	N/A

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

### 13. Disposal considerations

**Disposal methods:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
<b>UN-Number</b>	Not regulated	Not regulated	Not regulated
<b>UN Proper shipping name</b>	Not regulated	Not regulated	Not regulated
<b>Transport hazard class(es)</b>	Not regulated	Not regulated	Not regulated
<b>Packing group, if applicable</b>	Not regulated	Not regulated	Not regulated
<b>Environmental hazards</b>	No	No	No
<b>Special precautions for user</b>	See section 2	See section 2	See section 2

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated	Not regulated	Not regulated
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### 15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information

The date of preparation of the latest revision of the SDS:	Version 1.0 Amended by GHS rev 6 on Jan.31 <sup>st</sup> , 2019
Legend to abbreviations and acronyms used in the SDS:	ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road RID: Regulations Concerning the International Transport of Dangerous Goods by Rail (European law) IMDG: International Maritime Dangerous Goods EINECS: European Inventory of Existing commercial Chemical Substances IATA: International Air Transport Association ICAO-TI: International Civil Aviation Organization (The International Civil Aviation Covenant) (ICAO) CAS: Chemical Abstracts Service LC50: Lethal Concentration 50 EC50: Concentration for 50% of maximal effect LD50: Lethal dose 50%
References and sources for data used to compile the SDS:	Enterprise's own data
	Author: Hangzhou C&K Testing Technic Co., Ltd Website: <a href="http://www.cirs-ck.com">www.cirs-ck.com</a> Tel: 0571-89900715 Email: <a href="mailto:test@cirs-group.com">test@cirs-group.com</a>

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