

Watercolors

Safety Data Sheet

according to Federal Register/Vol.77, No.58/Monday, March 26, 2012/Rules and Regulations
Revision date: 12/17/2021

Supersedes: 01/01/2000 Version: 1.0

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

Product Identifier: CS3012, CS3028
Product name: Watercolors
Product form: Substance
Substance name: Watercolors
CAS No: Not available

Formula: Not available

EC number: Not available

Synonyms: Not available

Intended Use of The Product

Use of the substance/mixture:

Name, Address, And Telephone Of The Responsible Party:

Company: Modern Teaching Aids Pty Ltd
Address: Lvl 1, 122-126 Old Pittwater Road, Brookvale, NSW, Australia 2100
ABN: 98 000 628 786
Telephone: 1800 251 497
Emergency Telephone No: Australia – 13 11 26 (Poisons Information Centre)

SECTION 2: Hazards identification

Classification of the substance or mixture

The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Information concerning particular hazards for human and environment:

The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification system:

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data

Label elements

Label according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard pictograms (GHS-US): Not applicable

Signal word (GHS-US): Not applicable

Hazard-determining components c Not applicable

Hazard statements (GHS-US): Not applicable

Precautionary statements (GHS-US): Not applicable

Hazards not otherwise

classified (HNOC) No further relevant information available.

Other hazards

No additional information available

Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

Substances

| Name | Product Identifier (CAS No.) | % | GHS-US classification | | | |
|-------------------|------------------------------|--------|-----------------------|--|--|--|
| distilled water | 7732-18-5 | 3% | | | | |
| Calcium Carbonate | 1317-65-3 | 70% | | | | |
| Maltodextrin | 9050-36-7 | 11% | | | | |
| dark purple | | | | | | |
| Pigment Violet 23 | 6358-30-1 | 14% | | | | |
| Zirconium dioxide | 1314-23-4 | 2% | | | | |
| purple | | | | | | |
| Pigment Violet 23 | 6358-30-1 | 10% | | | | |
| Zirconium dioxide | 1314-23-4 | 6% | | | | |
| light purple | | | | | | |
| Pigment Violet 23 | 6358-30-1 | 6% | | | | |
| Zirconium dioxide | 1314-23-4 | 10% | | | | |
| blue | | | | | | |
| Zirconium dioxide | 1314-23-4 | 6.00% | | | | |
| PIGMENT BLUE 15 | 147-14-8 | 10.00% | | | | |
| light blue | | | | | | |
| Zirconium dioxide | 1314-23-4 | 10.00% | | | | |
| PIGMENT BLUE 15 | 147-14-8 | 6.00% | | | | |
| dark blue | | | | | | |
| Zirconium dioxide | 1314-23-4 | 2.00% | | | | |
| PIGMENT BLUE 15 | 147-14-8 | 14.00% | | | | |

| | | | | | | |
|-------------------|------------|-------|--|--|--|--|
| sky blue | | | | | | |
| Zirconium dioxide | 1314-23-4 | 8.00% | | | | |
| PIGMENT BLUE 15 | 147-14-8 | 8.00% | | | | |
| green | | | | | | |
| Pigment Green 36 | 14302-13-7 | 10% | | | | |
| Zirconium dioxide | 1314-23-4 | 6% | | | | |
| dark green | | | | | | |
| Pigment Green 36 | 14302-13-7 | 14% | | | | |
| Zirconium dioxide | 1314-23-4 | 2% | | | | |
| light green | | | | | | |
| Pigment Green 36 | 14302-13-7 | 10% | | | | |
| Zirconium dioxide | 1314-23-4 | | | | | |
| grass green | | | | | | |
| Pigment Green 36 | 14302-13-7 | 12% | | | | |
| Pigment Yellow 13 | 6358-85-6 | 4% | | | | |
| blackish green | | | | | | |
| Pigment Green 36 | 14302-13-7 | 12% | | | | |
| Carbon black | 1333-86-4 | 4% | | | | |
| black | | | | | | |
| Carbon black | 1333-86-4 | 16% | | | | |
| grey | | | | | | |
| Carbon black | 1333-86-4 | 6% | | | | |
| Zirconium dioxide | 1314-23-4 | 10% | | | | |
| brown | | | | | | |
| Pigment Red 202 | 3089-17-6 | 10% | | | | |
| Carbon black | 1333-86-4 | 6% | | | | |
| raw sienna | | | | | | |
| Pigment Red 202 | 3089-17-6 | 8% | | | | |
| Carbon black | 1333-86-4 | 4% | | | | |
| Pigment Yellow 13 | 6358-85-6 | 4% | | | | |
| orange | | | | | | |
| Pigment Orange 13 | 3520-72-7 | 15% | | | | |
| Zirconium dioxide | 1314-23-4 | 1% | | | | |
| red orange | | | | | | |
| Pigment Red 202 | 3089-17-6 | 8% | | | | |
| Pigment Orange 13 | 3520-72-7 | 8% | | | | |
| red | | | | | | |
| Pigment Red 202 | 3089-17-6 | 16% | | | | |
| pink | | | | | | |
| Pigment Red 202 | 3089-17-6 | 8% | | | | |
| Zirconium dioxide | 1314-23-4 | 8% | | | | |
| dark pink | | | | | | |
| Pigment Red 202 | 3089-17-6 | 10% | | | | |
| Zirconium dioxide | 1314-23-4 | 6% | | | | |
| rose | | | | | | |
| Pigment Red 202 | 3089-17-6 | 12% | | | | |
| Zirconium dioxide | 1314-23-4 | 4% | | | | |
| yellow | | | | | | |
| Pigment Yellow 13 | 6358-85-6 | 15% | | | | |
| Zirconium dioxide | 1314-23-4 | 1% | | | | |
| light yellow | | | | | | |
| Pigment Yellow 13 | 6358-85-6 | 6% | | | | |
| Zirconium dioxide | 1314-23-4 | 10% | | | | |
| dark yellow | | | | | | |
| Pigment Yellow 13 | 6358-85-6 | 10% | | | | |
| Zirconium dioxide | 1314-23-4 | 6% | | | | |
| yellowish brown | | | | | | |
| Pigment Yellow 13 | 6358-85-6 | 10% | | | | |
| Pigment Red 202 | 3089-17-6 | 6% | | | | |
| yellow green | | | | | | |
| Pigment Yellow 13 | 6358-85-6 | 12% | | | | |
| Pigment Green 36 | 14302-13-7 | 4% | | | | |
| white | | | | | | |
| Zirconium dioxide | 1314-23-4 | 16% | | | | |

Full text of H-phrases: see section 16

SECTION 4:First aid measures

Description of first aid measures

First-aid measures general:Never gove anything by mouth to an unconscious person.If you feel unwell,seek medical advice(show the label where possible)

First-aid measures after inhalation:When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries:Eye irritation

Symptoms/injuries after inhalation: None

Symptoms/injuries after eye contact: Causes serious eye irritation.

Symptoms/injuries after ingestion: Ingestion may cause nausea, vomiting and diarrhea.

Indication of any immediate medical attention and special treatment needed

If medical advice is needed, have product container or label at hand.

SECTION 5:Firefighting measures

Extinguishing media

Suitable extinguishing media: Dry chemical,alcohol foam,carbon dioxide.

Unsuitable extinguishing media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

Special hazards arising from the substance or mixture

Fire hazard:No information available

Explosion hazard: No information available

Reactivity: No information available

Advice for firefighters

Firefighting instructions:Exercise caution when fighting any chemical fire.

Protection during firefighting: Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6:Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures:Use special care to avoid static electric charges.Keep away from heat/sparks/open flames/hot surfaces.-No smoking.Avoid breathing(vapor,mist).Use only outdoors in a well-ventilated area.Handle in accordance with good industrial hygiene and safety practice.

For non-emergency personnel

Protective equipment:Use appropriate personal protection equipment(PPE).

Emergency procedures: Evacuate unnecessary personnel.

For emergency responders

Protective equipment:Equip crew with proper protection.Use appropriate personal protection equipment(PPE).

Emergency procedures: Ventilate area.

Environmental precautions

Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up

For containment:Absorb and/or contain spill with inert material,then place in suitable container.Do not take up in combustible material such as:saw dust or cellulosic material.

Methods for cleaning up: Clear up spills immediately and dispose of waste safely.

Reference to other sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7:Handling and storage

Precautions for safe handling

Additional hazards when processed:No information available

Precautions for safe handling: Use only non-sparking tools. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid breathing mist, spray, vapours. Use only outdoors or in a well-ventilated area. Wear recommended personal protective equipment.

Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for safe storage, including any incompatibilities

Technical measures:Proper grounding procedures to avoid ststic electricity should be followed.Ground/bond container and receiving equipmet.Use explosion-proof electrical,lighting,ventilating equipment.

Storage conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible products: Strong acids. Strong bases. Strong oxidizers.

Incompatible materials: Heat sources.

Storage area: Keep in fireproof place.

Special rules on packaging: Attacks many plastics.

Specific end use(s)

No information available

SECTION 8:Exposure controls/personal protection

Control parameters

| | | |
|-----------|------------------------|--------------------------|
| USA ACGIH | ACGIH TWA (ppm) | No information available |
| USA ACGIH | ACGIH STEL (ppm) | No information available |
| USA NIOSH | NIOSH REL (TWA)(mg/m3) | No information available |
| USA NIOSH | NIOSH REL (TWA) (ppm) | No information available |
| USA IDLH | US IDLH (ppm) | No information available |
| USA OSHA | OSHA PEL (TWA) (mg/m3) | No information available |
| USA OSHA | OSHA PEL (TWA) (ppm) | No information available |

Exposure controls

Appropriate engineering controls:

Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapours may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment :

Fireproof clothing. Insufficient ventilation: wear respiratory protection. Protective goggles. Gloves.



Hand protection:

Wear chemically resistant protective gloves.

Eye protection:

Chemical goggles or safety glasses.

Skin and body protection:

Wear fireproof clothing.

Respiratory protection:

If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

Thermal hazard protection:

Wear suitable protective clothing.

Other information:

When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:

solid

Flash point value:

>65.6°C

Appearance:

watercolors

Colour :

dark purple, purple, light purple, blue, light blue, dark blue, sky blue, green, dark green, light green, grass green, blackish green, black, grey, brown, raw sienna, orange, red orange, red, pink, dark pink, rose, yellow, light yellow, dark yellow, yellowish brown, yellow green, white

Odour:

None

Odour threshold:

No data available

pH :

No data available

Relative evaporation rate (butylacetate=1) :

No data available

Melting point:

No data available

Freezing point:

No data available

Boiling point:

No data available

Flash Point:

No data available

Auto-ignition temperature:

No data available

Decomposition Temperature :

No data available

Flammability (solid, gas) :

Non-flammability

Vapour pressure :

No data available

Relative vapour density at 20 °C:

No data available

Relative density:

No data available

Density:

No data available

Solubility:

No data available

Log Pow:

No data available

Log Kow:

No data available

Viscosity, kinematic:

No data available

Viscosity, dynamic:

No data available

Explosive properties:

Non-explosive

Oxidising properties:

No data available

Explosive limits:

Not applicable

Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity

No data available

Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

Possibility Of Hazardous Reactions

No data available

Conditions To Avoid

Avoid ignition sources. Heat. Sparks. Open flame. Direct sunlight. Extremely high or low temperatures.

Incompatible Materials

No data available

Hazardous Decomposition Products

No data available

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity:

Not classified

| | |
|----------------------------|-------------------|
| LD50 oral rat | No data available |
| LD50 dermal rabbit | No data available |
| LC50 inhalation rat (mg/l) | No data available |

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Symptoms/injuries after inhalation: May cause drowsiness or dizziness.
Symptoms/injuries after eye contact: Causes serious eye irritation.
Symptoms/injuries after ingestion: Ingestion may cause nausea, vomiting and diarrhea.

SECTION 12: Ecological information

Toxicity

| | |
|----------------|-------------------|
| LC50 fishes 1 | No data available |
| EC50 Daphnia 1 | No data available |
| LC50 fish 2 | No data available |
| EC50 Daphnia 2 | No data available |

Persistence and degradability

| | |
|-------------------------------|-------------------|
| Persistence and degradability | No data available |
|-------------------------------|-------------------|

Bioaccumulative potential

| | |
|---------------------------|-------------------|
| BCF fish 1 | No data available |
| Log Kow | No data available |
| Bioaccumulative potential | Not established. |

Mobility in soil

No additional information available

Other adverse effects

Other information: Avoid release to the environment.

SECTION 13: Disposal considerations

Waste treatment methods

Regional legislation (waste): U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII. U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring. U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents. U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards. U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring. U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics.

Waste disposal recommendations: To be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information: No additional information available

SECTION 14: Transport information

In accordance with ICAO/IATA/DOT/TDG

whether item is regulated or not for land/air/sea transportation:

safe transport of chemical goods

UN number

UN-No.(DOT):

Not available

DOT NA no.

Not available

UN proper shipping name

Department of Transportation (DOT):

Not available

Hazard Classes

Hazard labels (DOT):

Not available

Packing group (DOT):

Not available

DOT Special Provisions (49 CFR 172.102):

Not available

DOT Packaging Exceptions (49 CFR 173.xxx):

Not available

DOT Packaging Non Bulk (49 CFR 173.xxx):

Not available

DOT Packaging Bulk (49 CFR 173.xxx):

Not available

Additional information

Emergency Response Guide (ERG)Number:

Not available

Other information:

No supplementary information available.

Transport by sea

DOT Vessel Stowage Location:

Not available

MFAG-No.:

Not available

Air transport

DOT Quantity Limitations Passenger:

Not available

aircraft/rail (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft:

Not available

only (49 CFR 175.75)

SECTION 15: Regulatory information

US Federal regulations

The item has any ingredient that belongs to CA Prop 65 list: Not Detectable

| | |
|---|--|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |

US State regulations

| | |
|----------------------------|---|
| State or local regulations | U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |
|----------------------------|---|

SECTION 16: Other information

Indication of changes: 12/17/2021

Other information:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

| | |
|---------------|---|
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| H319 | Causes serious eye irritation |

NFPA health hazard:

1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard:

0 -Minimal Hazard.

NFPA reactivity:

0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Health:

1 Slight Hazard - Irritation or minor reversible injury possible

Flammability:

0 Minimal Hazard

Physical:

0 Minimal Hazard

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.