

Safety Data Sheet

Printing Date: January 29, 2024

Version No.: 1.0

Revision: January 29, 2024

1 Identification

• Product identifier**• Trade name:**Creatistics Chunky Colouring Markers - Pack of 240**• Trade Code:**

CS7002 (109-240)

• Recommended use of the chemical and restrictions on use**• Application of the substance/ mixture:**

Consumer uses, writing.

• Details of the supplier of the safety data sheet**• Manufacturer/Supplier:**

Modern Teaching Aids Pty Ltd

Level 1, 122 - 126 Old Pittwater Road, Brookvale, NSW, Australia 2100

ABN: 98 000 628 786

Website: AU - www.teaching.com.auNZ - www.teaching.co.nz**• Telephone:**

AU - 1800 251 497

NZ - 0800 808 044

• Emergency telephone number

AU - 13 11 26

NZ - 0800 764 766

(Poisons Information Centre)

2 Hazard(s) identification

• Classification of the substance or mixture:

This product is not classified according to OSHA 2012 Hazard Communication Standard (29 CFR 1910.1200).

Hazard class	Hazard category
Not applicable	Not applicable

• 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**• Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)****• Hazard pictograms:**

Not applicable

• Signal word:

Not applicable

• Hazard-determining components of labelling:

Not applicable

• Hazard statements:

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Not applicable

• Precautionary statement:

Not applicable

• Hazards not otherwise classified (HNOC):

No known otherwise classified hazards.

3 Composition/information on ingredients

• Chemical characterization:

Mixture

• Description:

Super Washable ink.

• Components:		
CAS No.	Composition Name	w/w, %
9002-92-0	Dodecyl alcohol, ethoxylated	0.02
1117-86-8	Caprylyl glycol	0.007
122-99-6	Phenoxyethanol	0.003

4 First aid measures

• Description of first aid measures**After inhalation:**

Supply with fresh air.

Call for doctor/physician if you feel unwell.

After skin contact:

No special measure needed normally.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

• Information for doctor**• Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are as indicated in sections 2 and 11.

• Indication of any immediate medical attention and special treatment needed:

Treat according to symptom, there is not known specific medicine.

5 Fire-fighting measures

• Suitable extinguishing agents:

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Use CO₂, powder, water spray or alcohol resistant foam to extinguish.

• **Special hazards arising from the substance or mixture:**

No special hazard arising from the chemical.

• **Special protective equipment and precaution for firefighters**

Protective equipment:

Wear self-contained breathing apparatus for firefighting.

6 Accidental release measures

• **Personal precautions, protective equipment and emergency procedures:**

Collect the leakage timely.

Ensure adequate ventilation.

Prevent to contact with eyes.

• **Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

• **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure well ventilation.

Dispose contaminated material as waster according to item 13.

7 Handling and storage

• **Handling**

• **Precautions for safe handling:**

Avoid contact with eyes.

• **Information about fire and explosion protection:**

Normal measures for preventive fire protection.

• **Conditions for safe storage, including any incompatibilities**

• **Requirements to be met by storerooms and receptacles:**

Store in a cool and well-ventilated place.

• **Information about storage in one common storage facility:**

No further requirements.

• **Further information about storage conditions:**

No further requirements.

8 Exposure controls/personal protection

• **Components with limit values that require monitoring at the workplace:**

CAS No.	Composition	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
9002-92-0	Dodecyl alcohol, ethoxylated	None	None	None	None

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1117-86-8	Caprylyl glycol	None	None	None	None
122-99-6	Phenoxyethanol	None	None	None	None

• Additional information:

The lists that were valid during the creation were used as basis.

• **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:**

• **Breathing equipment:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

• **Protection of hands:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber; nitrile rubber (thickness > 0.11 mm; breakthrough times up to 480 minutes).

• **Eye protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• **Body Protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety boots



Safety overalls

Gauntlets, boots, bodysuit are recommended.

9 Physical and chemical properties

• **Information on basic physical and chemical properties**

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• Appearance:	
Form	Liquid
Color	Various
Odor	Odorless
Odor threshold	Not determined
• pH-value	4-8 (100 g/l, 20°C)
• Change in condition	
Melting point/melting range	Not determined
Boiling point and boiling range	100°C (Water)
• Freezing point	Not determined
• Flash point	>93°C
• Flammability	Not flammable liquid
• Decomposition temperature	Not determined
• Self-ignition	Not determined
• Danger of explosion	Product dose not present explosive hazard.
• Explosion limits	
Lower:	Not determined
Upper:	Not determined
• Oxidizing properties	Not oxidizing agent
• Vapor pressure	Not determined
• Density	Not determined
• Relative density	Not determined
• Vapor density	Not determined
• Evaporation rate	Not determined
• Solubility in/Miscibility with	
Water	Soluble in water
• Partition coefficient (n-octanol/water)	Not applicable
• Viscosity	
Dynamic	Not determined
Kinematic	Not determined
• Other information	Not determined

10 Stability and reactivity

• Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

• Chemical stability:

Stable under recommended storage conditions.

• Possibility of hazardous reactions:

No known hazardous reaction.

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• Conditions to avoid:*High temperature.***• Incompatible materials:***Strong acids, strong oxidizing agents.***• Hazardous decomposition products:***No known hazardous decomposition products.*

11 Toxicological information

• Acute toxicity:*Non-toxic chemical.*

Species	Effective Dose	Results	Method/Source
9002-92-0 Dodecyl alcohol, ethoxylated			
Rat	LD50-oral	1000 mg/kg	ECHA registered dossier.
Rat	LD50-dermal	>2000 mg/kg	ECHA registered dossier.
122-99-6 Phenoxyethanol			
Rat	LD50-oral	1260 mg/kg	Journal of Industrial Hygiene and Toxicology. Vol. 23, Pg. 259, 1941.
Rabbit	LD50-dermal	5510 mg/kg	Toxicological Data, compiled by the National Institute of Health (NIH), USA, selected and distributed by Technical Database Services (TDS), New York, 2009.
Mouse	LD50-oral	933 mg/kg	Toksikologicheskii Vestnik., (3)(37), 1996.

• Primary irritant effect**• Skin corrosion/irritation:***Not irritant to skin.***• Serious eyes damage/ irritation:***Not irritant to eyes.***• Sensitization:***Not sensitive to skin or respiratory.***• Additional toxicological information:***The product is not subject to classification according to internally approved calculation methods for preparations.***• Carcinogenic categories****• IARC (International Agency for Research on Cancer):***None of the ingredients is listed.***• NTP (National Toxicology Program):***None of the ingredients is listed.*

12 Ecological information

• Toxicity:

Species	Effect dose	Test duration	Value
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122-99-6 Phenoxyethanol

<i>Pimephales promelas</i>	LC50	96h	344 mg/L
<i>Pimephales promelas</i>	NOEC	34d	24 mg/L
<i>Daphnia magna</i>	LC50	48h	488 mg/L
<i>Daphnia magna</i>	NOEC	21d	9.43 mg/L
<i>Desmodesmus subspicatus</i>	EC50	72h	>100 mg/L
<i>Desmodesmus subspicatus</i>	NOEC	72h	46 mg/L
Activated sludge	NOEC	30 min	360 mg/L

• Persistence and degradability:

CAS	Substance	Biodegradation	Hydrolysis
122-99-6	Phenoxyethanol	90%(28d)	DT50 > 1yr

• Bio-accumulative potential:

CAS	Substance	Log pow	BCF
122-99-6	Phenoxyethanol	1.2	0.35

• Mobility in soil:

CAS	Substance	Surface tension (mN/m)	Log Koc
122-99-6	Phenoxyethanol	70.7 mN/m (1000 mg/L, 19.9°C)	1.61

• Additional ecological information

• Other adverse effects:

No known other adverse effects.

13 Disposal consideration

• Waste treatment methods

• Recommendation:

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local regulation.

• Un-cleaned packaging

• Recommendation:

Dispose of contents/container in according to the local regulation.

14 Transport information

• DOT-DGR	This product is not subject to DOT-DGR.
• IMO/IMDG (41-22)	This product is not subject to IMO/IMDG code.
• IATA-DGR (65th)	This product is not subject to IATA-DGR.

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture

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• **Sara**

• **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

• **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

• **TSCA (Toxic Substances Control Act):**

9002-92-0	Dodecyl alcohol, ethoxylated	Listed
1117-86-8	Caprylyl glycol	Listed
122-99-6	Phenoxyethanol	Listed

• **Proposition 65**

• **Chemicals known to cause cancer:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

• **Washington, WAC 173-334-130 (CHCC):**

None of the ingredients is listed.

• **Chemicals of Concern, published by Maine DEP on July, 2015:**

None of the ingredients is listed.

• **Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:**

None of the ingredients is listed.

• **High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016:**

None of the ingredients is listed.

• **Carcinogenicity categories**

• **EPA (Environmental Protection Agency):**

None of the ingredients is listed.

• **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients is listed.

• **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients is listed.

16 Other information

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The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

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• **Abbreviations and acronyms:**

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

End of safety data sheet