

Metallic Markers

Issue date: 11/07/2022

Print date: 11/07/2022

Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier:

JV1624 Metallic Markers

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant uses: arts and crafts for school and household use.

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

Modern Teaching Aids Pty Ltd

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

ABN: 98 000 628 786

PH: 1800 251 497

www.teaching.com.au

sales@teaching.com.au

1.4 Emergency telephone number:

Australia – 13 11 26 (Poisons Information Centre)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

This product is not classified as dangerous according to regulation (EC) No.1272/2008

2.2 Label elements:

CLP Pictograms: Not applicable

Signal word: Not applicable

Hazard statement(s): Not applicable

Precautionary Statement(s): Not applicable

2.3 Other hazards:

Results on PBT and vPvB evaluations:

This mixture does not meet the criteria for PBT in accordance with regulation (EC) No 1907/2006, Annex XIII.

This mixture does not meet the criteria for vPvB in accordance with regulation (EC) No 1907/2006, Annex XIII.

The mixture does not contain substances with endocrine disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Not applicable

3.2 Mixtures:

Chemical description: water-based mixture of wetting agents, pigments and preservatives.

The mixture does not contain substances for which there are Union workplace exposure limits.

None of the substances constituting the mixture exceeds the values defined in Annex II of Regulation (EC) n°1907/2006.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

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General recommendation:

Have the product container, label or safety data sheet at hand when calling to the National Institute of Toxicology or doctor. Symptoms as consequences of intoxication may appear after exposition, in case of any doubt of direct exposition to the product or a persistent malaise, seek medical attendance, showing the product's SDS.

Inhalation:

Inhalation of the mixture does not produce adverse effects.

Skin contact:

Contact with the skin does not produce adverse effects.

In case of symptoms: Rinse skin with plenty of water and neutral soap.

Eye contact:

Contact with the eyes does not produce adverse effects.

In case of symptoms: Rinse eye with plenty of water for at least 15 minutes. Avoid the affected person close or rub his or her eyes. In case of the affected person uses contact glasses, this must be remove as long as they are not stick to the eye, otherwise it would produce an additional damage. Seek medical attention if the symptoms persist or aggravate.

Ingestion:

Rinse mouth with water. Do not induce vomiting. In cases of doubt, or when symptoms of discomfort persist, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

Main symptoms and effects indicated in sections 2 and 11

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

Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents:

Apply polyvalent powder extinguishers (ABC powder), as an alternative use physical foam or Carbon dioxide (CO₂), according to regulation against fires.

Not-suitable extinguishing agents:

Do not use direct jets of water over the burning product; it can induce splatters and extend the fire.

Avoid simultaneous use of water and foam over the same surface, because the water destroys the foam.

5.2 Special hazards arising from the substance or mixture

As consequence of combustion or thermal decomposition, reaction sub products can be generated that can be toxic and, consequently may present a highly risk for health.

5.3 Advice for firefighters

Depending on fire magnitude, a complete set of protective clothing and an autonomous breath equipment can be used. Have a minimum of emergency facilities or element of action (fire blanket, first aid kit, ...)

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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No special precautionary measures required

6.2 Environmental precautions:

The product is not classified as dangerous for the environment. Special precautions are not required

6.3 Methods and material for containment and cleaning up:

Collect mechanically and treat as non-hazardous waste.

6.4 Reference to other sections:

Waste treatment: SECTION 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Special precautions are not required. Follow the usual hygiene measures (don't drink, eat or smoke in working areas; wash hands after every handling).

7.2 Conditions for safe storage, including any incompatibilities:

As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidizing agents and highly acidic or alkaline materials.

Store the containers between 5 and 25° C, in a dry and well-ventilated place.

7.3 Final specific uses:

No final specific recommendation available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Occupational exposure limits

Substances with controlled exposure values in the working place in EU countries ⁽¹⁾:

Name	Limit value - Eight hours		Limit value - Short term	
	mg/m ³	ppm	mg/m ³	ppm
Aluminium metal N° CAS: 7429-90-5 N° CE: 231-072-3	1 inhalable fraction	—	4 respirable aerosol	—
	1,5 respirable fraction	—		
	2 respirable aerosol	—		
	5 respirable fraction	—		
	6 respirable aerosol	—		

⁽¹⁾: check the limit value that applies to the substance for each country in

GESTIS - International limit values for chemical agents

8.2 Exposure controls

Personal protective equipment:

Respiratory protection:

Not necessary under normal condition of use.

Hand protection:

Not necessary under normal condition of use.

Eye protection:

Not necessary under normal condition of use.

Skin protection:

Not necessary under normal condition of use.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Aspect	liquid
Color	6 colours
Odor, odor threshold	odourless
Melting point / Freezing point	Not applicable/Not available due to the nature/properties of the product.
Boiling point or initial boiling point and boiling range	Not applicable/Not available due to the nature/properties of the product.
Flammability	Not applicable/Not available due to the nature/properties of the product.
Upper and lower explosive limit	Not applicable/Not available due to the nature/properties of the product.
Flash point	Not applicable/Not available due to the nature/properties of the product.
Auto-ignition temperature	Not applicable/Not available due to the nature/properties of the product.
Decomposition temperature	Not applicable/Not available due to the nature/properties of the product.
pH	Not applicable/Not available due to the nature/properties of the product.
Kinematic viscosity	Not applicable/Not available due to the nature/properties of the product.
solubility	Not applicable/Not available due to the nature/properties of the product.
Partition coefficient n-octanol/water (logarithmic value)	Not applicable/Not available due to the nature/properties of the product.
Vapor pressure	Not applicable/Not available due to the nature/properties of the product.
Density and/or relative density	Not applicable/Not available due to the nature/properties of the product.
Relative Vapor Density	Not applicable/Not available due to the nature/properties of the product.
Characteristics of particles	Not applicable/Not available due to the nature/properties of the product.

9.2 Other information:

Not determined

SECTION 10: ESTABILITY AND REACTIVITY

10.1 Reactivity :

Not know reactivity risks under normal storage conditions and handling.

10.2 Chemical stability:

Stable under normal storage and handling conditions.

10.3 Possibility of hazardous reaction:

Not known

10.4 Conditions to avoid:

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Heat, flames and other sources of ignition

10.5 Incompatible materials:

Strong acids. Strong oxidizing agents. Strong bases. Substances subject to catalytic decomposition by dust, such as peroxides.

10.6 Hazardous decomposition products:

No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

No experimental data of the mixture relative to their toxicological properties available.

11.2 Information on other hazards:

No data available

In view of the available data, the classification criteria for any of the hazard classes defined in Regulation (EC) 1272/2008 are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

No experimental data of the mixture relative to their toxicological properties available.

12.2 Persistence and degradability:

No available data

12.3 Bioaccumulative potential:

No available data

12.4 Mobility in soil Adsorption/Desorption on soil or sediment:

No available data

12.5 Results of PBT and vPvB assessment:

Mixture not considered as persistent, bioaccumulative and toxic (PBT).

Mixture not considered as very persistent and very bioaccumulative (vPvB)

12.6 Endocrine disrupting properties:

Mixture does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects:

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Consult to authorized waste manager the validation and elimination operation according to Annex 1 and 2 (Directive 2008/98/CE, law 22/2011).

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

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Not regulated.

14.2 UN proper shipping name

Not regulated.

14.3 Transport hazard class(es)

Not regulated.

14.4 Packing group

Not regulated.

14.5 Environmental hazards

Marine pollutant: Non

14.6 Special precautions for user

Not regulated.

14.7 Maritime transport in bulk according to IMO instruments

Not regulated.

SECTION 15: REGULATORY INFORMATION

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

Regulations applied:

- REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures and subsequent modifications.
- Regulation (EC) No 1907/2006 (REACH) OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL, of 18 December 2006, concerning the Registration, Evaluation, Authorization and Restriction of Chemicals, and subsequent modifications.
 - Regulation (EC) No 1907/2006, REACH Article 59. List of candidates: Not present or not present in regulated quantities.
 - Regulation (EC) No. 1907/2006 REACH, Annex XIV Substances subject to authorization, as amended: Not present or not present in regulated quantities.
 - Regulation (EC) No. 1907/2006, Annex XVII, Substances subject to restrictions applicable to the placing on the market and use: Not present or not present in regulated quantities.

the product must comply with directive 2009/48/EC of the European parliament and the council on toy safety.

15.2 Chemical safety assessment

The supplier has not carried out chemical safety assessment

SECTION 16: OTHER INFORMATION

This Safety Data Sheet has been prepared on a voluntary basis since it is not necessary to provide the safety data sheet of products that do not meet the criteria established in Article 31, paragraph 1, letters a), b) and c), nor those of Article 31, section 3 of the REACH Regulation.

Take into account applicable national and local laws

It is recommended to use the product only for the uses contemplated

The information contained in this safety data sheet is based on current knowledge and on current EC and national laws. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the safety requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning

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the manipulation, storage, use and disposal of chemical products. The product must not be used for purposes other than those specified, without first having a written handling instruction.

It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established in the legislation.