

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

#### 1.1 Product identifier

**Product name** TEXTA BULLET PERMANENT MARKERS (VARIOUS COLOURS)  
**Synonyms** 48903 (4 PACK), 48904 (8 PACK), 49548 (4 PACK) - PRODUCT CODE(S)

#### 1.2 Uses and uses advised against

**Uses** MARKER PEN

#### 1.3 Details of the supplier of the product

**Supplier name** ACCO BRANDS AUSTRALIA PTY LTD  
**Address** 2 Coronation Ave, Kings Park, NSW, 2148, AUSTRALIA  
**Telephone** (02) 9674 0900  
**Fax** (02) 9674 0910  
**Email** [sds.anz@acco.com](mailto:sds.anz@acco.com)  
**Website** <http://www.accobrand.com.au>

#### 1.4 Emergency telephone numbers

**Emergency** 13 11 26 (Poisons Information Centre)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

##### Physical Hazards

Flammable Liquids: Category 2

##### Health Hazards

Skin Corrosion/Irritation: Category 2  
Skin Sensitisation: Category 1  
Serious Eye Damage / Eye Irritation: Category 1  
Specific Target Organ Toxicity (Single Exposure): Category 3 (Narcotic Effects)  
Germ Cell Mutagenicity: Category 2  
Carcinogenicity: Category 2  
Repeated exposure may cause skin dryness or cracking.

##### Environmental Hazards

Aquatic Toxicity (Chronic): Category 2

#### 2.2 GHS Label elements

**Signal word** DANGER

**Pictograms**



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### Hazard statements

AUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.

### Prevention statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

### Response statements

P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P310	Immediately call a POISON CENTRE or doctor/physician.
P321	Specific treatment is advised - see first aid instructions.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: Use appropriate media to extinguish.
P391	Collect spillage.

### Storage statements

P403 + P233 + P235	Store in a well-ventilated place. Keep cool. Keep container tightly closed.
P405	Store locked up.

### Disposal statements

P501	Dispose of contents/container in accordance with relevant regulations.
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### 2.3 Other hazards

The hazards related to this marking pen are for the liquid contents only.

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.1 Substances / Mixtures

Ingredient	CAS Number	EC Number	Content
1-METHOXY-2-PROPANOL	107-98-2	203-539-1	<100%
ETHANOL	64-17-5	200-578-6	<100%
PROPYL ALCOHOL	71-23-8	200-746-9	<100%
ISOPROPYL ALCOHOL	67-63-0	200-661-7	<20%
PHOSPHORIC ACID, 2-ETHYLHEXYL ESTER	12645-31-7	235-741-0	<10%
HYDROGEN BIS[2-[(4,5-DIHYDRO-3-METHYL-5-OXO-1-PHENYL-1H-PY RAZOL-4-YL)AZO]BENZOATO(2-)]CHROMATE(1-)	5601-29-6	227-022-5	<6%
C.I. SOLVENT BLUE 4	6786-83-0	229-851-8	<=2.5%
C.I. SOLVENT VIOLET 8	561-41-1	209-218-2	<=2.5%
M-PHENYLENEDIAMINE, 4-(PHENYLAZO)-	495-54-5	207-803-7	<=2.5%
BASIC BLUE 7	2390-60-5	-	<2.4%

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2-AMINO-2-METHYL-1-PROPANOL	124-68-5	204-709-8	<1%
C.I. BASIC RED 1	989-38-8	213-584-9	<10%
BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYL DERIVS	85536-14-7	287-494-3	<=2.5%

**Ingredient Notes**            The ingredient composition includes combined ingredients from the various colours.

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Eye</b>	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
<b>Inhalation</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
<b>Ingestion</b>	For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.
<b>First aid facilities</b>	Normal washroom facilities should be available.

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

See Section 11 for more detailed information on health effects and symptoms.

### 4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

### 5.2 Special hazards arising from the substance or mixture

Highly flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Vapour may form explosive mixtures with air.

### 5.3 Advice for firefighters

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

### 5.4 Hazchem code

None allocated.

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

### 6.2 Environmental precautions

Prevent product from entering drains and waterways.

### 6.3 Methods of cleaning up

If spilt, collect and reuse where possible.

### 6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

### 7.3 Specific end uses

No information provided.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
1-METHOXY-2-PROPANOL	SWA [AUS]	100	369	150	553
Ethanol	SWA [AUS]	1000	1880	--	--
Ethanol (Ethyl alcohol)	SWA [Proposed]	200	380	800	1500
Isopropyl alcohol	SWA [AUS]	400	983	500	1230
Isopropyl alcohol	SWA [Proposed]	200	491	400	984
Propyl alcohol	SWA [AUS]	200	492	250	614

#### Biological limits

Ingredient	Reference	Determinant	Sampling Time	BEI
ISOPROPYL ALCOHOL	ACGIH BEI	Acetone in urine	End of shift at end of workweek	40 mg/L

### 8.2 Exposure controls

**Engineering controls**    Avoid inhalation. Use in well ventilated areas.

#### PPE

<b>Eye / Face</b>	Not required under normal conditions of use.
<b>Hands</b>	Not required under normal conditions of use.
<b>Body</b>	Not required under normal conditions of use.
<b>Respiratory</b>	Not required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	COLOURED LIQUID
Odour	SOLVENT ODOUR
Flammability	HIGHLY FLAMMABLE
Flash point	12°C
Boiling point	> 78°C
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	NOT AVAILABLE
Vapour density	NOT AVAILABLE
Relative density	NOT AVAILABLE
Solubility (water)	SOLUBLE
Vapour pressure	NOT AVAILABLE
Upper explosion limit	< 15.0 %
Lower explosion limit	> 1.7 %
Partition coefficient	NOT AVAILABLE
Autoignition temperature	> 287°C
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Explosive properties	NOT AVAILABLE
Oxidising properties	NOT AVAILABLE
Odour threshold	NOT AVAILABLE

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

### 10.2 Chemical stability

Stable under recommended conditions of storage.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation is not expected to occur.

### 10.4 Conditions to avoid

Avoid shock, friction, heavy impact, heat, sparks, open flames and other ignition sources.

### 10.5 Incompatible materials

This product is considered relatively stable in the form supplied, however the contents of this product are incompatible with acids (e.g. nitric acid), oxidising agents (e.g. hypochlorites), heat and ignition sources.

### 10.6 Hazardous decomposition products

May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met. Due to the product form and nature of use, the potential for adverse health effects may be reduced.

**Information available for the ingredients:**

Ingredient	Oral LD50	Dermal LD50	Inhalation LC50
1-METHOXY-2-PROPANOL	> 4016 mg/kg (rat)	> 2000 mg/kg (rat)	7000 ppm/6hrs (rat)
ETHANOL	3450 mg/kg (mouse)	--	20000 ppm/10 hours (rat)
PROPYL ALCOHOL	1870 mg/kg (rat)	4060 mg/kg (rabbit)	48 g/m <sup>3</sup> (mouse)
ISOPROPYL ALCOHOL	> 2000 mg/kg (rat) (AICIS)	> 2000 mg/kg (rat) (AICIS)	> 20 mg/L (rat) (AICIS)
M-PHENYLENEDIAMINE, 4-(PHENYLAZO)-	1650 mg/kg (rat)	--	--
2-AMINO-2-METHYL-1-PROPANOL	2150 mg/kg (mouse)	--	--

**Skin** Due to product form, adverse health effects via skin contact are not anticipated. However, prolonged or repeated contact may result in irritation, rash and dermatitis. Repeated exposure may cause skin dryness or cracking.

**Eye** Due to product packaging, the potential for exposure is reduced. However, contact with packaged contents may result in irritation, pain and redness.

**Sensitisation** Exposure to contents may cause skin sensitisation. This product is not classified as a respiratory sensitiser.

**Mutagenicity** Suspected of causing genetic defects. Due to product form (enclosed), the potential for exposure to contents is not anticipated.

**Carcinogenicity** Suspected of causing cancer. Due to product form (enclosed), the potential for exposure to contents is not anticipated.

**Reproductive** Not classified as a reproductive toxin.

**STOT - single exposure** Over exposure to vapours may result in irritation of the nose and throat, with coughing. High level exposure may result in dizziness, nausea and headache. Product form reduces the potential for over exposure.

**STOT - repeated exposure** Not classified as causing organ damage from repeated exposure. However, repeated exposure to some solvents have been reported to cause adverse effects to the central nervous system (CNS).

**Aspiration** Not classified as causing aspiration.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.

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### 12.2 Persistence and degradability

No information provided.

### 12.3 Bioaccumulative potential

No information provided.

### 12.4 Mobility in soil

No information provided.

### 12.5 Other adverse effects

No information provided.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Waste disposal**            No special precautions are required for the disposal of this product.

**Legislation**              Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA



	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
<b>14.1 UN Number</b>	None allocated.	None allocated.	None allocated.
<b>14.2 Proper Shipping Name</b>	None allocated.	None allocated.	None allocated.
<b>14.3 Transport hazard class</b>	None allocated.	None allocated.	None allocated.
<b>14.4 Packing Group</b>	None allocated.	None allocated.	None allocated.

### 14.5 Environmental hazards

Marine Pollutant.

### 14.6 Special precautions for user

**Hazchem code**            None allocated.

**Other information**            The environmentally hazardous substance mark is not required when transported in packages of less than 5 kg/L (UN Model Regulations: Special Provision 375; IATA: Special Provision A197; IMDG: Special Provision 969) or less than 500 kg/L by Australian Road and Rail. Exemption: UN Special Provision 216 (Mixtures of solids which are not subject to this Code and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leakproof when used as a bulk packaging. Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid material are not subject to this Code provided there is no free liquid in the packet or article).

## 15. REGULATORY INFORMATION

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

**Poison schedule**            A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Classifications**            Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision 7).

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**Inventory listings**        **AUSTRALIA: AIIC (Australian Inventory of Industrial Chemicals)**  
All components are listed on AIIC, or are exempt.

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**16. OTHER INFORMATION**

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**Additional information**        **WORK PRACTICES - SOLVENTS:** Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**  
The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:**  
It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

<b>Abbreviations</b>	ACGIH	American Conference of Governmental Industrial Hygienists
	CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
	CNS	Central Nervous System
	EC No.	EC No - European Community Number
	EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
	GHS	Globally Harmonized System
	GTEPG	Group Text Emergency Procedure Guide
	IARC	International Agency for Research on Cancer
	LC50	Lethal Concentration, 50% / Median Lethal Concentration
	LD50	Lethal Dose, 50% / Median Lethal Dose
	mg/m <sup>3</sup>	Milligrams per Cubic Metre
	OEL	Occupational Exposure Limit
	pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
	ppm	Parts Per Million
	STEL	Short-Term Exposure Limit
	STOT-RE	Specific target organ toxicity (repeated exposure)
	STOT-SE	Specific target organ toxicity (single exposure)
	SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
	SWA	Safe Work Australia
	TLV	Threshold Limit Value
	TWA	Time Weighted Average

**Report status**        This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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