

Safety Data Sheet

according to WHS Regulations

Printing date 19.08.2022

Revision: 19.08.2022

1 Identification

Product Name: Pilot Begreen V Board Master Whiteboard Marker Bullet/Chisel**Other Means of Identification:** Article**Product Code:**

WBMA-VBM-M-BG

WBMA-VBM-MC-BG

Part Number:

WBMA-VBM-F-B/R/L/G/O/V-BG

WBMA-VBM-M-B/R/L/G/O/V-BG

WBMA-VBM-MC-B/R/L/G/O-BG

WBMA-VBM-B-B/R/L/G/O-BG

WMBM-12L/18BM-B/R/L/G/O

WBS-VBM-B/R/L/G/O/V

P-WMRF8-B/R/L/G/O

WMAM-B/L/G/V, WMA-R/O (mixture)

Recommended Use of the Chemical and Restriction on Use: Whiteboard Marker**Details of Manufacturer or Importer:**

Pilot Pen Australia Pty Ltd

39 Enterprise Circuit

Prestons NSW 2170

Phone Number: 1300 325 866**Emergency telephone number:** National Poisons Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

This product is considered as article and is as such exempted from the UN-GHS classification requirements.

The classification based on the hazardous substances contained in the product is provided below for information purposes only.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



Flame

Flammable Liquids 2 H225 Highly flammable liquid and vapour.



Eye Irritation 2A

H319 Causes serious eye irritation.

STOT SE 3

H336 May cause drowsiness or dizziness.

Signal Word Danger**Hazard Statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary Statements

P101

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

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 19.08.2022

Revision: 19.08.2022

Product Name: Pilot Begreen V Board Master Whiteboard Marker Bullet/Chisel

(Contd. of page 1)

P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.
P312	Call a POISON CENTER/doctor if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use CO ₂ , powder or water spray to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 64-17-5	Ethanol	30-80%
	⚠ Flammable Liquids 2, H225; ⚠ Eye Irritation 2A, H319	
CAS: 67-63-0	Isopropanol	1-50%
	⚠ Flammable Liquids 2, H225; ⚠ Eye Irritation 2A, H319; STOT SE 3, H336	
CAS: 1333-86-4	Carbon black	0-4%
	⚠ STOT RE 2, H373	
CAS: 71-23-8	Propan-1-ol	0-3%
	⚠ Flammable Liquids 2, H225; ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ STOT SE 3, H336	

Non Hazardous Components:

CAS: 14302-13-7	C.I. Pigment Green 36	≤2.5%
CAS: 1328-53-6	C.I. Pigment Green 7	≤2.5%

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation persists.

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations

Printing date 19.08.2022

Revision: 19.08.2022

Product Name: Pilot Begreen V Board Master Whiteboard Marker Bullet/Chisel

(Contd. of page 2)

Eye Contact:

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: Exposure to ink vapours may cause respiratory irritation, drowsiness or dizziness.

Skin Contact: May cause skin irritation, swelling or redness.

Eye Contact: Causes eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon, oxides of nitrogen, oxides of sulfur and unidentified, toxic organic compounds.

Product is highly flammable. Vapours can travel considerable distances and flashback to its point of generation if it meets a source of ignition.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from fire fighting entering drains or water courses.

HAZCHEM Code: •3YE

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Use appropriate ventilation. Wear protective equipment. Keep unprotected persons away. Extinguish all sources of ignition.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Wipe up small spills with a paper towel or dry rag. Clean up all spills immediately, since spilled materials, even in small quantities, may present a slip hazard. Absorb large spills with sand, earth, vermiculite or some other, non-combustible absorbent material. Collect the spilled material and place into a suitable container for disposal. Decontaminate spill area with water and detergents.

7 Handling and Storage

Precautions for Safe Handling: No special measures required. Avoid rough handling or dropping.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Take precautionary measures against static discharges. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents and reducing agents.

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 19.08.2022

Revision: 19.08.2022

Product Name: Pilot Begreen V Board Master Whiteboard Marker Bullet/Chisel

(Contd. of page 3)

8 Exposure Controls and Personal Protection

Exposure Standards:	
CAS: 64-17-5 Ethanol	
WES	TWA: 1880 mg/m ³ , 1000 ppm
CAS: 67-63-0 Isopropanol	
WES	STEL: 1230 mg/m ³ , 500 ppm TWA: 983 mg/m ³ , 400 ppm
CAS: 1333-86-4 Carbon black	
WES	TWA: 3 mg/m ³
CAS: 71-23-8 Propan-1-ol	
WES	STEL: 614 mg/m ³ , 250 ppm TWA: 492 mg/m ³ , 200 ppm Sk

Engineering Controls: Natural ventilation should be adequate under normal use conditions.**Respiratory Protection:** Respiratory protection is not required under normal use conditions.**Skin Protection:** Skin protection is not required under normal use conditions.**Eye and Face Protection:** Eye protection is not required under normal use conditions.

9 Physical and Chemical Properties

Appearance:

Form:	Liquid
Colour:	According to product specification
Odour:	Alcohol-like
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	78.3 °C (ethanol)
Flash Point:	14 °C (ethanol)
Flammability:	Highly flammable.
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure at 20 °C:	58.7 hPa (ethanol)
Relative Density at 20 °C:	0.81 - 0.85
Vapour Density at 20 °C:	1.6 (air = 1)
Evaporation Rate:	No information available
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	No information available
Viscosity at 20 °C:	5 - 13 mPa·s

10 Stability and Reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 19.08.2022

Revision: 19.08.2022

Product Name: Pilot Begreen V Board Master Whiteboard Marker Bullet/Chisel

(Contd. of page 4)

Conditions to Avoid: Heat, sparks, open flames and other sources of ignition. Static discharge.**Incompatible Materials:** Strong oxidising agents and reducing agents.**Hazardous Decomposition Products:**

Oxides of carbon, oxides of nitrogen, oxides of sulfur and unidentified, toxic organic compounds.

11 Toxicological Information

Toxicity:**LD50/LC50 Values:****CAS: 64-17-5 Ethanol**

Oral LD50 7,060 mg/kg (rat)

Inhalation LC50/4 h 20,000 mg/l (rat)

CAS: 67-63-0 Isopropanol

Oral LD50 5,045 mg/kg (rat)

LD50 12,800 mg/kg (rabbit)

Inhalation LC50/4 h 30 mg/l (rat)

CAS: 1333-86-4 Carbon black

Oral LD50 >5,000 mg/kg (rat)

LD50 >3,000 mg/kg (rabbit)

CAS: 71-23-8 Propan-1-ol

Oral LD50 1,870 mg/kg (rat)

LD50 5,040 mg/kg (rabbit)

Acute Health Effects**Inhalation:** Exposure to ink vapours may cause respiratory irritation, drowsiness or dizziness.**Skin:** May cause skin irritation, swelling or redness.**Eye:** Causes eye irritation.**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Not expected to be a hazard.

Carbon black is classified by IARC as Group 2B - Possibly carcinogenic to humans.

Isopropanol is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause drowsiness and dizziness.**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available

(Contd. on page 6)

Safety Data Sheet

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Product Name: Pilot Begreen V Board Master Whiteboard Marker Bullet/Chisel

(Contd. of page 5)

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

CAS: 64-17-5 Ethanol

EC50/48 h	9,268-14,221 mg/l (daphnia magna)
	>100 mg/l (selenastrum capricornutum)
EC50/72 h	275 mg/l (algae)
LC50/96 h	>100 mg/l (fathead minnow)
	12-16 mg/l (rainbow trout)
LC50/48 h	>100 mg/l (golden orfe)

CAS: 67-63-0 Isopropanol

EC50/48 h	100 mg/l (daphnia magna)
EC50/72 h	100 mg/l (scenedesmus subspicatus)
LC50/96 h	1,400 mg/l (bluegill)
	9,640 mg/l (fathead minnow)
LC50/48 h	8,970 mg/l (golden orfe)

CAS: 1333-86-4 Carbon black

LC50/96 h	>1,000 mg/l (brachydanio rerio)
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Persistence and Degradability: No data available on finished product.

Bioaccumulative Potential: No data available on finished product.

Mobility in Soil: No data available on finished product.

Other adverse effects: No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number	
ADG, IMDG, IATA	UN1993
Proper Shipping Name	
ADG, IMDG, IATA	FLAMMABLE LIQUID, N.O.S. (ETHANOL, ISOPROPANOL)
Dangerous Goods Class	
ADG Class:	3
Packing Group:	
ADG, IMDG, IATA	II
Marine pollutant:	No

(Contd. on page 7)

Safety Data Sheet

according to WHS Regulations

Printing date 19.08.2022

Revision: 19.08.2022

Product Name: Pilot Begreen V Board Master Whiteboard Marker Bullet/Chisel

(Contd. of page 6)

EMS Number:	F-E,S-E
Hazchem Code:	•3YE
Special Provisions:	274
Excepted quantities (EQ):	E2
Limited Quantities:	1L
Packagings & IBCs - Packing Instruction:	P001, IBC02
Packagings & IBCs - Special Packing Provisions:	None
Portable Tanks & Bulk Containers - Instructions:	T7
Portable Tanks & Bulk Containers - Special Provisions:	TP1, TP8, TP28

15 Regulatory Information

Australian Inventory of Industrial Chemicals: All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.

16 Other Information

Date of Preparation or Last Revision: 19.08.2022

Prepared by: MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

ADG: Australian Dangerous Goods
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 IARC: International Agency for Research on Cancer
 STEL: Short Term Exposure Limit
 TWA: Time Weighted Average
 NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
 Flammable Liquids 2: Flammable liquids – Category 2
 Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1
 Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020".

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