

# SAFETY DATA SHEET

Date issued 2023/04/26

## FB SERIES: MICAGUARD

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	FB SERIES	<b>Product Name</b>	MICAGUARD
<b>Recommended use</b>	A paint or paint constituent product		
<b>Company Name</b>	Promac Paints (Pty) Ltd		
<b>Address</b>	PO Box 75351 Lynnwood Ridge 0040		
<b>Telephone</b>	012 804 7305		
<b>Facsimile</b>	012 804 2040		
<b>Emergency Contact</b>	- T. Patel		
<b>Contact number</b>	- 012 804 7305		

### SECTION 2. HAZARDS IDENTIFICATION

**Overall Nature** Hazardous goods  
**Classification reference SANS10234 (1272/2008/EC) :**  
**Classification of the substance or mixture**

- (H316) Skin corrosion/irritation, Hazard Category 3
- (H402) Hazardous to the aquatic environment ^ AcuteHazard, Category 3

**GHS label elements, including precautionary statements**

**Signal word** Warning  
**Pictograms** None

**Hazard and Precautionary Statements**

- (H316) Hazard Statements  
Causes mild skin irritation
- (H402) Harmful to aquatic life
- (P273) Precautionary Statements  
Prevention Statements  
Avoid release to the environment. – if this is not the intended use.
- (P332+P313) Response Statements  
If skin irritation occurs: Get medical advice/attention.
- (P501) Disposal Statements  
Dispose of contents/container to ... in accordance with local/regional/ national/international regulation


### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product type :** Mixture      **Generic name :**  
**CAS No. :** Not applicable      **EU Index No :** Not applicable      **UN No :** Not applicable      Not classified as dangerous for transport

**HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS**

Name	% m/m	EC Label	CAS Number	EC Index
1 1-2 ETHANEDIOL	2.14	203-473-3	000107-21-1	603-027-00-1
2 Items classified as hazardous but below reporting limit	0.42			
3 Items not classified as hazardous	97.43			

**Classification reference SANS10234 (1272/2008/EC) of constituents**

ref above table	Hazard Code	Pictogram	Cutoff
1 Above Item 1	H302^		GHS07^Wng
ref above table	Classification		
1 Above Item 1	Acute Tox. 4		

**Promac Paints (Pty) Ltd.**

Reg. No.: 1992/007244/07 VAT Nr: 4320226139  
354 Derdepoort Road, Silverton, Pretoria. P.O. Box 75351, Lynnwood Ridge, 0040  
Tel: 012 804 7305 Fax: 012 804 6188 email: info@promacpaints.co.za  
www.promacpaints.co.za



**P.QD.029**

**SECTION 4. FIRST AID MEASURES**

Inhalation	Move to fresh air.
Skin	Always wash after being in contact with chemical substances.
Eyes	Rinse with plenty of water. Seek medical advice if symptoms persist.
Ingestion	Give plenty of water/milk. Induce vomiting if patient conscious. Get medical advice.

**SECTION 5. FIRE FIGHTING MEASURES**

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.  
No direct explosion hazard expected.  
Combustible with toxic fumes.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Contain & collect. Use an inert - NOT sawdust. Keep out of drains & sewers.  
Wear protective equipment (see Section 8). Keep unprotected persons away.  
Do not allow product to reach sewage system or any water course.  
Remove ignition sources and provide sufficient ventilation

**SECTION 7. HANDLING AND STORAGE**

Storage  
Alkaline - corrosive. Caution with contact with non-ferrous metals.  
No open flames. No smoking.

Dispose of contents/container to ... in accordance with local/regional/ national/international regulation

Handling  
Ensure good ventilation/exhaustion at the workplace  
Do not spray on a naked flame or any incandescent material  
Eating, drinking and smoking in work areas is prohibited  
Wash hands after use  
Remove contaminated clothing and protective equipment before entering eating areas

Inhalation	In case of insufficient ventilation, use suitable respiratory protection.
Skin	Observe the rules of hygiene. Wash before eating, drinking or smoking.
Eyes	Avoid direct contact. Never touch eyes with dirty hands or gloves.
Ingestion	Observe the rules of hygiene. Wash before eating, drinking or smoking.

**SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS**

Name	CAS Number	TWA OEL	TWA OEL	STOEL	STOEL	OEL	Vap.Press.
MICAGUARD	Not applicable						
Components :							
1-2 ETHANEDIOL	000107-21-1	60		125		RL	.07
	<i>(CL/RL = Controlled/Recommended level 'S' = Skin annotation)</i>						

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary  
Appropriate hand protection and protective clothing must always be used  
Keep away from foodstuffs, beverages and feed  
Wash hands before breaks and at the end of work

**Promac Paints (Pty) Ltd.**

Reg. No.: 1992/007244/07 VAT Nr: 4320226139  
 354 Derdepoort Road, Silverton, Pretoria. P.O. Box 75351, Lynnwood Ridge, 0040  
 Tel: 012 804 7305 Fax: 012 804 6188 email: info@promacpaints.co.za  
 www.promacpaints.co.za

**P.QD.029**

Avoid release to the environment. – if this is not the intended use.

HMIS Rating (USA) 1 - 2 - 0 - I (Health-Flam-Reactivity-PPE)  
 SAPMA Rating 3-H-E PPE : Gloves, Respirator and Eye protection

**Personal protective equipment :**

**Skin PPE :** Overall and impervious gloves (eg nitrile rubber)  
**Respiratory PPE :** Air purifying respirator (eg cartridge type)  
**Eye PPE :** Faceshield or solvent resistant goggles

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Property	Value
Appearance	Water based emulsion
Odour	Slight
pH	9.0
Boiling point	101°C
Melting point	not available
Flash point	>93°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	1.396Kg/L ±0.05
Water solubility	miscible
Fat solubility	Oil : insoluble
Partition coefficient	not available
Viscosity	118-120KU
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

**SECTION 10. STABILITY AND REACTIVITY**

Stable under normal conditions  
 No reaction with fire-fighting water

**SECTION 11. TOXICOLOGICAL INFORMATION**

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal(gas)	LC50 Inhal(mist)
MICAGUARD	Not applicable	17857 ATEoral	250000 ATEdermal	500000 ATEgas	-
Components :	-----	-----	-----	-----	-----
1-2 ETHANEDIOL	000107-21-1	5840 mg (Rat)			

**Inhalation** Irritating.  
**Skin** Direct contact to be avoided.  
**Eyes** Can cause damage.  
**Ingestion** Irritating and nauseating.

**Promac Paints (Pty) Ltd.**

Reg. No.: 1992/007244/07 VAT Nr: 4320226139  
354 Derdepoot Road, Silverton, Pretoria. P.O. Box 75351, Lynnwood Ridge, 0040  
Tel: 012 804 7305 Fax: 012 804 6188 email: info@promacpaints.co.za  
www.promacpaints.co.za

**P.QD.029****SECTION 12. ECOLOGICAL INFORMATION**

No available ecological data of ingredients :

May have short term environmental effects. Contain, monitor & remove  
Aquatic toxicity : No further relevant information available  
Persistence and degradability : No further relevant information available.  
Bioaccumulative potential : No further relevant information available.  
Mobility in soil : No further relevant information available.  
Harmful to aquatic life

**SECTION 13. DISPOSAL INFORMATION**

Can be eliminated from sewage/effluent by chemical flocculation.  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**SECTION 14. TRANSPORT INFORMATION**

**UN Number** Not applicable Not classified as dangerous for transport

**SECTION 15. REGULATORY INFORMATION**

**Classification reference SANS10234 (1272/2008/EC) :**

**Classification of the substance or mixture**

(H316) Skin corrosion/irritation, Hazard Category 3  
(H402) Hazardous to the aquatic environment ^ AcuteHazard, Category 3

**SECTION 16. OTHER INFORMATION**

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.  
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.  
HMIS Rating (USA) : 1 - 2 - 0 - I (Health-Flam-Reactivity-PPE)

**Abbreviations**

Code : Abbreviation : Meaning  
C : : corrosive  
N : : dangerous for the environment  
T : : toxic  
Xn : : harmful  
==== : :  
 : : Associated pictogram code shown in brackets  
==== : :  
GHS01 : : Exploding bomb  
GHS02 : : Flame  
GHS03 : : Flame over circle  
GHS04 : : Gas cylinder  
GHS05 : : Corrosion  
GHS06 : : Skull and crossbones  
GHS07 : : Exclamation mark  
GHS08 : : Health hazard  
GHS09 : : Environment  
: %m/m : Percent by mass  
: ATE : Acute Toxicity Estimate  
: CAS : Chemical Abstracts Service  
: CHIP : Chemicals (Hazard Information and Packaging for supply)  
: CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
: CNS : Central Nervous System  
: DIN : Standard of the German Institute for Standardisation  
: DOT : Department of Transport  
: EC : European Community  
: EC50 : Effective Concentration (Median) for 50% of the response under test  
: ECB : European Chemicals Bureau  
: ECHA : European Chemicals Agency, Helsinki ([http://echa.europa.eu/home\\_en.asp](http://echa.europa.eu/home_en.asp))

**Promac Paints (Pty) Ltd.**

Reg. No.: 1992/007244/07 VAT Nr: 4320226139  
354 Derdepoot Road, Silverton, Pretoria. P.O. Box 75351, Lynnwood Ridge, 0040  
Tel: 012 804 7305 Fax: 012 804 6188 email: info@promacpaints.co.za  
www.promacpaints.co.za



**P.QD.029**

---

: EEC : European Economic Community  
: EINECS : European Inventory of Existing Chemical Substances  
: ELINCS : European List of Notified Chemical Substances  
: GHS : Globally Harmonized System of Classification and Labelling of Chemicals  
: HMIS : Hazardous Materials Information System (USA only)  
: IATA : International Air Transport Association  
: IMDG : International Maritime Dangerous Goods Code  
: IMO : International Maritime Organization  
: INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007  
: ISO : International Standards Organisation  
: L.E.L. : Lower explosive limit  
: LD50/LC50 : Median (50%) lethal dose/concentration  
: mg/m3 : Milligrams per cubic meter  
: MSDS : Material safety data sheet  
: n.a. : Not available  
: NC : No Classification  
: No : Number  
: OEL : Occupational exposure limit  
: OEL-CL : Occupational exposure limit - control limit  
: OEL-RL : Occupational exposure limit - recommended limit  
: OHS Act : Occupational Health and Safety Act  
: P statement : Precautionary statement  
: PPE : Personal protective equipment  
: ppm : Parts per million  
: REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals  
: RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)  
: SABS : South African Bureau of Standards  
: SANS : South African National Standards  
: SAPMA : South African Paint Manufacturers Association  
: SARA 313 : Toxic Release Inventory Reporting SRA Section 3  
: SDS : Safety Data Sheet  
: STOEL : Short-term occupational exposure limit  
: STOT-RE : Specific Target Organ Toxicity - Repeated Exposure  
: STOT-SE : Specific Target Organ Toxicity - Single Exposure  
: TDG : Transport of Dangerous Goods  
: TSCA : Toxic Substance Control Act (USA only)  
: TWA : Time weighted average  
: U.E.L. : Upper explosive limit  
: UN : United Nations  
: WHMIS : Workplace Hazardous Materials Information Systems (Canada only)  
: ===== :

---

This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)  
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)  
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)  
All information is given in good faith but without guarantee in respect of accuracy.  
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 2023/04/26 Date of analysis : 2023/04/26)