

SAFETY DATA SHEET

Date issued 01/07/2021

BW SERIES: FE ULTRA PAVE

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	BW SERIES	Product Name	FE: ULTRA PAVE
Recommended use	A paint or paint constituent product		
Company Name	Promac Paints (Pty) Ltd		
Address	PO Box 75351 Lynwood Ridge 0040		
Telephone	012 804 7305		
Facsimile	012 804 2040		
Emergency Contact	- 012 804 7305		
Contact	- T. Patel		
Contact number	-		

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

	Hazard Statements
(H316)	Causes mild skin irritation
(H402)	Harmful to aquatic life
	Precautionary Statements
	Prevention Statements
(P273)	Avoid release to the environment. – if this is not the intended use.
	Response Statements
(P332+P313)	If skin irritation occurs: Get medical advice/ attention.
	Disposal Statements
(P501)	Dispose of contents/container in accordance with local/regional/ national/international regulations 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 AMMONIUM HYDROXIDE SOLUTION >25%	0.33 %	215-647-6	001336-21-6	007-001-01-2
2 1-2 ETHANEDIOL	0.45 %	203-473-3	000107-21-1	603-027-00-1
7 TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	3.63 %	246-771-9	025265-77-4	n/q
8 5-CHLORO 2METHYL 2ISOTHIAZOLIN3ONE	0.18 %	247-500-7	026172-55-4	TBE

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

ref above table	Hazard Code	Pictogram
1 Item 1 above	H314;H400	GHS05^ GHS09^Dgr
2 Item 2 above	H302	GHS07^Wng
8 Item 8 above	H331;H311;H301;H314;H400 ; H410	GHS06^ GHS05^ GHS09^Wng

ref above table	Classification
1 Item 1 above	Skin Corr. 1B;Aquatic Acute 1
2 Item 2 above	Acute Tox. 4
8 Item 8 above	Acute Tox. 3;Acute Tox. 3;Acute Tox. 3;Skin Corr/Irrit 1A/1B/1C;Aquatic. Acute 1;Aquatic Chronic 1

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

Suitable extinguishing media :

Specific hazards arising from the chemical :
 No direct explosion hazard expected.
 Dried residues - combustible with toxic fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain & collect. Caution - Can make floors slippery.
 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.

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/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	CAS Number	TWA OEL (mg/m3)	TWA OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type	Vap.Press. (mmHg)
FE: ULTRA PAVE	-	-	-	-	-	-	-
Components :	Not applicable	-	-	-	-	-	-
AMMONIUM HYDROXIDE SOLUTION >25%	001336-21-6	17	25	24	35	RL	153
1-2 ETHANEDIOL	000107-21-1	60		125		RL	.07
5-CHLORO 2METHYL 2ISOTHIAZOLIN3ONE	026172-55-4						N/E

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

OEL Type : Mixture
 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

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

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



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Water based emulsion
Odour	Slight
pH	9.00
Boiling point	>100°C
Melting point	not available
Flash point	n/a°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	1.222 ±0.05Kg/L
Water solubility	miscible
Fat solubility	Oil : insoluble
Partition coefficient	not available
Viscosity	90-95KU
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)
-	-	mg/kg	mg/kg	ppmV	mg/ltr
FE: ULTRA PAVE	Not applicable	37037 ATEoral	166667 ATEdermal	333333 ATEgas	-
Components :	-----	-----	-----	-----	-----
AMMONIUM HYDROXIDE SOLUTION >25%	001336-21-6	350 mg (Rat)			
1-2 ETHANEDIOL	000107-21-1	5840 mg (Rat)			
5-CHLORO 2METHYL 2ISOTHIAZOLIN3ONE	026172-55-4	480 mg (Rat)	>100 mg (Rat)		

Inhalation	Possible traces of free monomers. Can be irritating.
Skin	Direct contact to be avoided.
Eyes	Can cause damage.
Ingestion	Irritating and nauseating.

SECTION 12. ECOLOGICAL INFORMATION

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.

Available ecological data of ingredients :

Name	CAS Number	Other Tox
AMMONIUM HYDROXIDE SOLUTION >25%	001336-21-6	HUMAN LDLO O
5-CHLORO 2METHYL 2ISOTHIAZOLIN3ONE	026172-55-4	LC50 F 1.6mg

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

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.
HMIS Rating (USA) : 1 - 0 - 0 - I (Health-Flam-Reactivity-PPE)

Hazard (H) phrases associated with components

H301 : Toxic if swallowed
H302 : Harmful if swallowed
H311 : Toxic in contact with skin
H314 : Causes severe skin burns and eye damage
H331 : Toxic if inhaled
H400 : Very toxic to aquatic life
H410 : Very toxic to aquatic life with long lasting effects

Abbreviations

Code : Abbreviation : Meaning

C : : corrosive

N : : dangerous for the environment

T : : toxic

Xn : : harmful

==== : :

: : Associated pictogram code shown in brackets

H301 : Acute Tox. 3 : (GHS06) Acute toxicity (oral), Hazard Category 3

H302 : Acute Tox. 4 : (GHS07) Acute toxicity (oral), Hazard Category 4

H311 : Acute Tox. 3 : (GHS06) Acute toxicity (dermal), Hazard Category 3

H314 : Skin Corr/Irrit 1A/1B/1C : (GHS05) Skin corrosion/irritation, Hazard Category 1A, 1B, 1C

H331 : Acute Tox. 3 : (GHS06) Acute toxicity (inhalation), Hazard Category 3

H400 : Aquatic. Acute 1 : (GHS09) Hazardous to the aquatic environment ^ AcuteHazard, Category 1

H410 : Aquatic Chronic 1 : (GHS09) Hazardous to the aquatic environment ^ Chronic Hazard, Category 1

==== : :

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)

: 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 : 01/07/2021 Date of analysis : 01/07/2021)