

SAFETY DATA SHEET

Date issued 25/06/2018

BW SERIES: FE SEVERE WEATHER

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code Recommended use BW SERIES Product Name A paint or paint constituent product FE SEVERE WEATHER

Company Name Promac Paints (Pty) Ltd Address PO Box 75351 Lynwood Ridge 0040 -Telephone 012 804 7305 Facsimile 012 804 2040 Emergency Contact - H. Kansara- 012 8047305

SECTION 2. HAZARDS IDENTIFICATION

Overall Nature EC Classification : Not classified as hazardous 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 2

 GHS label elements, including precautionary statements

 Signal word
 Warning

 Pictograms
 None

Hazard and Precautionary Statements

Hazard Statements Causes mild skin irritation Toxic to aquatic life Precautionary Statements Prevention Statements Avoid release to the environment. – if this is not the intended use. Response Statements If skin irritation occurs: Get medical advice/ attention. Disposal Statements Disposal Statements 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 HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS			UN No : Not applicable			
Name TRIMETHYL-PENTADIOI	- MONOISOBUTYRATE	% m/m	EC Labels	CAS Number	EC Index	
1-2 ETHANEDIOL		<1.1 % <0.4 %	Xn	025265-77-4 000107-21-1	n/q 603-027-00-1	
Classification reference EC Index 603-027-00-1	SANS10234 (1272/2008/EC) : Classification Hazard Code Note Acute Tox. 4 H302					

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 concious. 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

	CAS Number	TWA OEL (mg/m3)	TWA OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type	Vap.Press. (mmHg)
SEVERE WEATHER Components :	Not applicable						
TRIMETHYL-PENTADIOL- MONOISOBUTYRATI							
1-2 ETHANEDIOL	025265-77-4 000107-21-1 (CL/RL = Conti	400 60 rolled/Recom	100 mended leve	125 I 'S' = Skin	annotation)	RL RL	.07

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 Rating3-H-E PPE : Gloves, Respirator and Eye protection





SPRAYBOOTH Spraybooth Type Spraybooth complying with National Standards Skin PPE Nitrile Gloves Eyes PPE Faceshield or solvent resistant goggles **Respiratory Protection** Air supplied full facepiece or head covering respirator suitable for organic vapours/particulates

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Value Property Appearance Water based emulsion Odour Slight 8.8 bН 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 1.318-1.418Kg/L Water solubility miscible Fat solubility Oil : insoluble Partition coeficient not available 95-100KU Viscosity Vapour density not available Evaporation rate not available Autoignition temperature not available L.E.L. not available U.E.L. not available % non volatile 42-47%

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions No reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

Name - SEVERE WEATHER Components :	CAS Number - Not applicable	LD50 Oral mg/kg 38462 ATEoral 	LD50 Skin mg/kg 166667 ATEdermal 	LC50 Inhal(gas) ppmV 333333 ATEgas 	LC50 Inhal(mist) mg/lt -
TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	025265-77-4 000107-21-1	3200 mg (Rat) 5840 mg (Rat)	16ml/Gg		
Inhalation Skin Eyes Ingestion	Possible traces Direct contact t Can cause dan Irritating and na	nage.	Can be irritating.		

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove Acquatic 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.

No available ecological data of ingredients :

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

Skin corrosion/irritation, Hazard Category 3 (H316)

Hazardous to the aquatic environment ^ AcuteHazard, Category 2 (H402)

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

H302 : Harmful if swallowed

Abbreviations

Code : Abbreviation : Meaning Xn: : harmful : Associated pictogram code shown in brackets

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

- %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.

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