

# SAFETY DATA SHEET

Date issued 20/06/2018

## **BW SERIES: FE NON-DRIP ENAMEL**

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	BW SERIES	<b>Product Name</b>	FE NON-DRIP ENAMEL
<b>Recommended use</b>	A paint or paint constituent product		
<b>Company Name</b>	Promac Paints (Pty) Ltd		
<b>Address</b>	PO Box 75351 Lynwood Ridge 0040 -		
<b>Telephone</b>	012 804 7305		
<b>Facsimile</b>	012 804 2040		
<b>Emergency Contact</b>	-- 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

**GHS label elements, including precautionary statements**

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

**Hazard and Precautionary Statements**

**Hazard Statements**  
Causes mild skin irritation  
**Precautionary Statements**  
**Response Statements**  
If skin irritation occurs: Get medical advice/ attention.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product type :** Mixture      **Generic name :**  
**CAS No. :** Not applicable      **EU Index No :** Not applicable      **UN No :** Not applicable

**HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS**

Name	% m/m	EC Labels	CAS Number	EC Index
2-AMINOETHANOL	<0.5 %	C	000141-43-5	603-030-00-8
TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	<2.6 %		025265-77-4	n/q
1,2- PROPYLENE GLYCOL	<2.4 %		000057-55-6	o
XYLENE	<0.1 %	- Xn	001330-20-7	601-022-00-9

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

EC Index	Classification   Hazard Code   Note
603-030-00-8	Acute Tox. 4 ;Acute Tox. 4 ;Acute Tox. 4 ;Skin Corr. 1B   H332;H312;H302;H314
601-022-00-9	Flam. Liq. 3;Acute Tox. 4 ;Acute Tox. 4 ;Skin Irrit. 2   H226;H332;H312;H315   C^

### SECTION 4. FIRST AID MEASURES

**Inhalation** Move to fresh air. In case of any discomfort seek medical attention immediately.

**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** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.  
**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 NON DRIP ENAMEL	-	-	-	-	-	-	-
Components :	-----	-----	-----	-----	-----	-----	-----
2-AMINOETHANOL	000141-43-5	8.	3.	15	6	RL	
TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	025265-77-4	400	100			RL	
1,2- PROPYLENE GLYCOL	000057-55-6	470	220			VAP	0.22
XYLENE	001330-20-7	435	100	650.	150.	RL+ S	6.7

(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



### 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**

Property	Value
Appearance	Water based emulsion
Odour	Slight
pH	8.5
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	1.174-1.274Kg/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	42-47%

**SECTION 10. STABILITY AND REACTIVITY**

Stable under normal conditions  
No reaction with fire-fighting water

**SECTION 11. TOXICOLOGICAL INFORMATION**

Name	CAS Number	LD50 Oral mg/kg	LD50 Skin mg/kg	LC50 Inhal(gas) ppmV	LC50 Inhal(mist) mg/lt
-	-	-	-	-	-
FE NON DRIP ENAMEL	Not applicable	62500 ATEoral	142857 ATEdermal	500000 ATEgas	
Components :	-----	-----	-----	-----	-----
2-AMINOETHANOL	000141-43-5	21000			
TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	025265-77-4	3200 mg (Rat)	16ml/Gg		
1,2- PROPYLENE GLYCOL	000057-55-6	21000+ mg (Rat)			
XYLENE	001330-20-7	4300 mg (Rat)	>5000 mg (Rabbit)		

**Inhalation** HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.  
**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	Envirodata
1,2- PROPYLENE GLYCOL	000057-55-6	LOW FISH TOXICITY

**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

**SECTION 16. OTHER INFORMATION**

CONTAINS ISOCYANATE - POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN.  
 IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.  
 PAY SPECIAL ATTENTION TO STORAGE AND HANDLING REQUIREMENTS.  
 HMIS Rating (USA) : 1 - 0 - 0 - I (Health-Flam-Reactivity-PPE)

**Hazard (H) phrases associated with components**

- H226 : Flammable liquid and vapour
- H302 : Harmful if swallowed
- H312 : Harmful in contact with skin
- H314 : Causes severe skin burns and eye damage
- H315 : Causes skin irritation
- H332 : Harmful if inhaled

**Abbreviations**

- Code : Abbreviation : Meaning
- : flammable
- C : corrosive
- Xn : harmful
- ==== : :  
 : : Associated pictogram code shown in brackets
- H226 : Flam. Liq. 3 : (GHS02) Flammable liquids, Hazard Category 3
- H302 : Acute Tox. 4 : (GHS07) Acute toxicity (oral), Hazard Category 4
- H312 : Acute Tox. 4 : (GHS07) Acute toxicity (dermal), Hazard Category 4
- H314 : Skin Corr/Irrit 1A/1B/1C : (GHS05) Skin corrosion/irritation, Hazard Category 1A, 1B, 1C
- H315 : Skin Corr/Irrit. 2 : (GHS07) Skin corrosion/irritation, Hazard Category 2
- H332 : Acute Tox. 4 : (GHS07) Acute toxicity (inhalation), 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](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)  
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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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