

SAFETY DATA SHEET

Date issued 11/22/2016

BW SERIES : FE UNIVERSAL UNDERCOAT

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	BW SERIES	Product Name	FE UNIVERSAL UNDERCOAT
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	- M.Soo Bramoney- 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**

- (H226) Flammable liquids, Hazard Category 3
(H317) Sensitisation ^ Skin, Hazard Category 1
(H351) Carcinogenicity, Hazard Category 2

GHS label elements, including precautionary statements**Signal word** Warning**Pictograms**

Hazard and Precautionary Statements

Hazard Statements

- Flammable liquid and vapour
- May cause an allergic skin reaction
- Suspected of causing cancer

Precautionary Statements**Prevention Statements**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment. – if the explosive is electrostatically sensitive.
- Use explosion-proof electrical/ventilating/lighting/.../ equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.

Response Statements

- IF ON SKIN: Wash with plenty of soap and water.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF exposed or concerned: Get medical advice/ attention.
- Specific treatment (see ... on this label). ... Reference to supplemental first aid instruction.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- In case of fire: Use powder/... for extinction.

Storage Statements
Store in a well-ventilated place. Keep cool.
Store locked up.
Disposal Statements
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 :** PAINT PRODUCT
CAS No. : Not applicable **EU Index No :** Not applicable **UN No :** 1263

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
WHITE SPIRIT (WS3) Xn	<2 %	Xn	064742-88-7	649-405-00-X
BENZENE C6H6	<0.01 %	F T	000071-43-2	601-020-00-8

Classification reference SANS10234 (1272/2008/EC) :

EC Index	Classification Hazard Code Note
649-405-00-X	Asp. Tox. 1 H304 H ⁺
601-020-00-8	Flam. Liq. 2;Carc. 1A;Muta. 1B;STOT RE 1;Asp. Tox. 1;Eye Irrit. 2;Skin Irrit. 2 H225;H350;H340;H372 ;H304;H319;H315 E ⁺

SECTION 4. FIRST AID MEASURES

Inhalation Move to fresh air.
Skin Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
Ingestion Wash mouth with plenty of water. Do NOT induce vomiting. seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media :

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

Specific hazards arising from the chemical :

Containers liable to burst in a fire.
Flammable with toxic fumes.

Special protective actions for fire-fighters :

Suitable extinguishing media : Foam, dry agent
Substance reacts violently/is explosive
For fires use breathing apparatus. If no fire, breathing apparatus not essential
Prevent, by any means available, spillage from entering drains or water courses

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 :

Store separately from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),
No open flames. No smoking.
Store containers with due care in case of fire.
Subject to local bylaws

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 Use barrier cream and impervious gloves.
Eyes Use face shield & goggles or full face respirator/hood. Avoid direct contact.
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 UNIVERSAL UNDERCOAT	-	-	-	-	-	-	-
Components :	Not applicable	-	-	-	-	-	-
WHITE SPIRIT (WS3) Xn	064742-88-7	575	100	720	125	RL	-
BENZENE C6H6	000071-43-2	16	5	-	-	CL+	100

(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 - 3 - 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 dispersion
Odour	Typical
pH	not available
Boiling point	>35°C
Melting point	not available
Flash point	>23°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	1.146-1.246Kg/L
Water solubility	miscible
Fat solubility	Oil : miscible
Partition coefficient	not available
Viscosity	82-87KU
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	40-45%

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

No reaction with fire-fighting water

Keep away from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),

SECTION 11. TOXICOLOGICAL INFORMATION

Name	CAS Number	LD50 Oral mg/kg	LD50 Skin mg/kg	LC50 Inhal(gas) ppmV	LC50 Inhal(mist) mg/ltr
UNIVERSAL UNDERCOAT	-	-	-	-	-
Components :	Not applicable	t.b.e.	500000 ATEdermal	-	-
WHITE SPIRIT (WS3) Xn	064742-88-7	>5000 mg (Rat)	-	-	-
BENZENE C6H6	000071-43-2	-	-	-	-

Inhalation Irritating.
Skin Irritating, risk of dermatitis. May be absorbed.
Eyes Irritating.
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.

No available ecological data of ingredients :

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

SECTION 14. TRANSPORT INFORMATION

UN Number 1263
Shipping Name PAINT PRODUCT
IMO Class 3 Packing Group III
Action Code 127
HazChem 3[Y]
Kemler Code 30



SECTION 15. REGULATORY INFORMATION

Classification reference SANS10234 (1272/2008/EC) :

Classification of the substance or mixture

(H226) Flammable liquids, Hazard Category 3
(H317) Sensitisation ^ Skin, Hazard Category 1
(H351) Carcinogenicity, Hazard Category 2

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.
HMIS Rating (USA) : 1 - 3 - 0 - I (Health-Flam-Reactivity-PPE)

Hazard (H) phrases associated with components

H225 : Highly flammable liquid and vapour
H304 : May be fatal if swallowed and enters airways
H315 : Causes skin irritation
H319 : Causes serious eye irritation
H340 : May cause genetic defects
H350 : May cause cancer
H372 : Causes damage to organs

Abbreviations

Code : Abbreviation : Meaning
F : highly flammable
T : toxic
Xn : harmful
==== : :
 : : Associated pictogram code shown in brackets
H225 : Flam. Liq. 2 : (GHS02) Flammable liquids, Hazard Category 2
H304 : Asp. Tox. 1 : (GHS08) Aspiration hazard, Hazard Category 1
H315 : Skin Corr/Irrit. 2 : (GHS07) Skin corrosion/irritation, Hazard Category 2
H319 : Eye Dam/Irrit 2 : (GHS07) Serious eye damage/eye irritation, Hazard Category 2
H340 : Muta. 1B : (GHS08) Germ cell mutagenicity, Hazard Category 1A, 1B
H350 : Carc. 1A / 1B : (GHS08) Carcinogenicity, Hazard Category 1A, 1B
H372 : STOT RE 1 : (GHS08) Specific target organ toxicity ^ Repeated exposure, Hazard Category 1
==== : :
 : %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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