

# SAFETY DATA SHEET

Date issued 20/06/2013

## APU000107 : 1K Etch Primer Grey Sand



Flammable



Harmful



or



Transport:

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	APU000107	<b>Product Name</b>	1K Etch Primer Grey Sand		
<b>CAS No.</b>	Not applicable	<b>EU Index No</b>	Not applicable	<b>UN No</b>	1263
<b>Recommended use</b>	A paint or paint constituent product				
<b>Emergency contact</b>	(Tel): +27(0) 41 4011400				

### SECTION 2. HAZARDS IDENTIFICATION

**Overall Nature** HAZARDOUS SUBSTANCE. DANGEROUS GOODS

**Chemical Class** PAINT PRODUCT

**Comment** OEL Type : Mixture - See tables in Sections 3 and 8

**Classification reference** SABS0265 (Directives 67/548/EEC or 1999/45/EC):

**Danger symbol** F Xn : highly flammable ,harmful

**R Phrases** R11,22,36/37/38,41,66,67

**S Phrases** S02,13,16,26,39,43A,46,51

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

**Signal word** Danger

**Pictograms** GHS02;GHS05

Flam. Liq. 2	H225	Highly flammable liquid and vapour
Acute Tox. 4	H302	Harmful if swallowed
Eye Dam/Irrit 2	H319	Causes serious eye irritation
STOT SE 3	H335	May cause respiratory irritation
Skin Corr/Irrit. 2	H315	Causes skin irritation
Eye Dam/Irrit 1	H318	Causes serious eye damage
	EUH066	Repeated exposure may cause skin dryness or cracking
STOT SE 3	H336	May cause drowsiness or dizziness

**HMIS Rating (USA)** 2 - 4 - 0 - I (Health-Flam-Reactivity-PPE)

**SAPMA Health Rating** 2-MODERATE - Temporary or minor injury possible even if treatment given

**Inhalation** Irritating, narcotic. Can affect CNS.

**Skin** Highly irritating. Risk of dermatitis. May be absorbed through intact skin.

**Eyes** Irritating - may cause damage if not given prompt attention.

**Ingestion** Harmful if swallowed.

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

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
N-BUTANOL	<25 %	Xn	000071-36-3	603-004-00-6
PROPAN-2-OL	<10 %	F Xi	000067-63-0	603-003-00-0
ISOBUTYL ALCOHOL	<10 %	Xi	000078-83-1	603-108-00-1
XYLENE	<12.5 %	Xn	001330-20-7	601-022-00-9
n-BUTYL ACETATE	<7 %	-	000123-86-4	607-025-00-1
METHYL ISO BUTYL KETONE	<0.1 %	F Xn	000108-10-1	606-004-00-4

**EC Classification reference** SABS0265 (Directives 67/548/EEC or 1999/45/EC):

EC Index	Classification
603-004-00-6	Xn : R10,22,37/38,41,67
603-003-00-0	F Xi : R11,41,67
603-108-00-1	Xi : R10,37/38,41,67
601-022-00-9	Xn : R10,20/21,38
607-025-00-1	R10,66,67
606-004-00-4	F Xn : R11,20,36/37,66

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

EC Index	Classification   Hazard Code
603-004-00-6	Flam. Liq. 3; Acute Tox. 4 *; STOT SE 3; Skin Irrit. 2; Eye Dam. 1; STOT SE 3   H226; H302; H335; H315; H318; H336
603-003-00-0	Flam. Liq. 2; Eye Dam. 1; STOT SE 3   H225; H318; H336
603-108-00-1	Flam. Liq. 3; STOT SE 3; Skin Irrit. 2; Eye Dam. 1; STOT SE 3   H226; H335; H315; H318; H336
601-022-00-9	Flam. Liq. 3; Acute Tox. 4 *; Acute Tox. 4 *; Skin Irrit. 2   H226; H332; H312; H315
607-025-00-1	Flam. Liq. 3; STOT SE 3   H226; H336
606-004-00-4	Flam. Liq. 2; Acute Tox. 4 *; Eye Irrit. 2; STOT SE 3   H225; H332; H319; H335

**SECTION 4. FIRST AID MEASURES**

<b>Inhalation</b>	Move to fresh air. In case of discomfort seek medical attention.
<b>Skin</b>	Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.
<b>Eyes</b>	Rinse well with water and seek medical advice if discomfort persists.
<b>Ingestion</b>	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

**SECTION 5. FIRE FIGHTING MEASURES**

Highly flammable with toxic fumes.  
Containers liable to burst in a fire.  
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

**SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13**

Contain & collect. Use an inert - NOT sawdust. Keep out of drains & sewers.  
Contain & collect spillage with non - combustible absorbent materials, e.g sand, earth, vermiculite, diatomous earth and place in container for disposal according to local regulations. Clean preferably with detergent; avoid use of solvents

**SECTION 7. HANDLING AND STORAGE**

Store separately from any reactive substances - oxidisers in particular.  
Store below 23 °C in a dry, well - ventilated place away from sources of heat, ignition and direct sunlight.  
No open flames. No smoking. No sparks.  
Store containers with due care in case of fire.  
Subject to local bylaws

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

Name	CAS Number	OEL (mg/m3)	OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type
N-BUTANOL	000071-36-3	150	50	150	50	RL S
PROPAN-2-OL	000067-63-0	980	400	1225	500	RL
ISOBUTYL ALCOHOL	000078-83-1	150	50	225	75	RL
XYLENE	001330-20-7	435	100	650	150	RL+ S
n-BUTYL ACETATE	000123-86-4	710	150	950	200	RL
METHYL ISO BUTYL KETONE	000108-10-1	205	50	300	75	RL+ S

<b>HMS Rating (USA)</b>	2 - 4 - 0 - I (Health-Flam-Reactivity-PPE)
<b>SAPMA Rating</b>	2-H-E PPE : Gloves, Respirator and Eye protection
<b>Inhalation</b>	In case of insufficient ventilation, use suitable respiratory protection.
<b>Skin</b>	AVOID CONTACT. Use impervious gloves, apron and boots.
<b>Eyes</b>	Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.
<b>Ingestion</b>	Observe the rules of hygiene. Wash before eating, drinking or smoking. OEL Type : Mixture - See tables in Sections 3 and 8

**SPRAYBOOTH**

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

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Property	Value
Appearance	Greyish Viscous liquid
Odour	Pungent
Boiling point	>35°C
Flash point	<23°C
Relative Density	1.047 - 1.087
Viscosity	60 - 65 sec D4 @20°C

## SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

Prone to ignite by static

No reaction with fire-fighting water

Incompatible with/keep away from : explosives, UN class 2.3 gases, oxidising substances, organic peroxides, toxic and biohazardous substances

## SECTION 11. TOXICOLOGICAL INFORMATION

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal
N-BUTANOL	000071-36-3	750 mg (Rat)	3400 mg (Rabbit)	
PROPAN-2-OL	000067-63-0	5840 mg (Rat)	16000 mg (Rabbit)	
ISOBUTYL ALCOHOL	000078-83-1	2460 mg (Rat)		
XYLENE	001330-20-7	4300 mg (Rat)	>5000 mg (Rabbit)	
n-BUTYL ACETATE	000123-86-4	14000 mg (Rat)		
METHYL ISO BUTYL KETONE	000108-10-1	2080 mg (Rat)		

## SECTION 12. ECOLOGICAL INFORMATION

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

## SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

## SECTION 14. TRANSPORT INFORMATION

<b>UN Number</b>	1263		
<b>Shipping Name</b>	PAINT PRODUCT		
<b>IMO Class</b>	3.2	<b>Packing Group</b>	II
<b>Action Code</b>	127		
<b>HazChem</b>	3[Y]E		
<b>Kemler Code</b>	30		



## SECTION 15. REGULATORY INFORMATION

**EC Classification reference SABS0265 (Directives 67/548/EEC or 1999/45/EC):**

EC Index Number EC no. : n/a

Classification and Labelling F Xn : highly flammable ,harmful ; R11,22,36/37/38,41,66,67 ; S02,13,16,26,39,43A,46,51

Risk and Safety Phrases :

- R11 - Highly Flammable
- R22 - Harmful if swallowed
- R36/37/38 - Irritating to eyes, respiratory system and skin
- R41 - Risk of serious damage to eyes
- R66 - Repeated exposure may cause skin drying or cracking
- R67 - Vapours may cause drowsiness and dizziness.
- S2 - Keep out of reach of children. (Retail sales items)
- S13 - Keep away from food, drink and animal feeding stuffs
- S16 - Keep away from sources of ignition - No smoking
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S39 - Wear eye/face protection
- S43A - In case of fire, use water fog, foam or powder - Do not use water jets!
- S46 - If swallowed seek medical advice immediately and show this container or label
- S51 - Use only in well ventilated areas



Flammable



Harmful

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

EC Index Number EC no. : n/a

Classification and Labelling Danger ;GHS02;GHS05 ;H225;H302;H319;H335;H315;H318;EUH066;H336

Hazard and Precautionary Statements :

- H225 - Highly flammable liquid and vapour
- H302 - Harmful if swallowed
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H315 - Causes skin irritation
- H318 - Causes serious eye damage
- EUH066 - Repeated exposure may cause skin dryness or cracking
- H336 - May cause drowsiness or dizziness
- P102 = Keep out of reach of children. : Consumer products
- P210 = Keep away from heat/sparks/open flames/hot surfaces. – No smoking. : Manufacturer/supplier to specify applicable ignition source(s).
- P271 = Use only outdoors or in a well-ventilated area. :
- P280 = Wear protective gloves/protective clothing/eye protection/face protection. : Manufacturer/supplier to specify type of equipment.
- P301+P310 = IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. :
- P305+P351+P338 = IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. :
- P313 = Get medical advice/attention. :
- P370+P378 = In case of fire: Use ... for extinction. : ... Manufacturer/supplier to specify appropriate media.



## SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.  
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

### Risk (R) phrases associated with components

R10 : Flammable  
R11 : Highly Flammable  
R20/21 : Harmful by inhalation and contact with the skin  
R22 : Harmful if swallowed  
R36/37 : Irritating to the eyes and respiratory system  
R37/38 : Irritating to respiratory system and skin  
R38 : Irritating to the skin  
R41 : Risk of serious damage to eyes  
R66 : Repeated exposure may cause skin drying or cracking  
R67 : Vapours may cause drowsiness and dizziness.

### Hazard (H) phrases associated with components

H225 : Highly flammable liquid and vapour  
H226 : Flammable liquid and vapour  
H302 : Harmful if swallowed  
H312 : Harmful in contact with skin  
H315 : Causes skin irritation  
H318 : Causes serious eye damage  
H319 : Causes serious eye irritation  
H332 : Harmful if inhaled  
H335 : May cause respiratory irritation  
H336 : May cause drowsiness or dizziness

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)  
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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