

## SAFETY DATA SHEET

Date issued 15/02/2013

### PTK000105 : 2K 4:1 Filler Primer Grey



Toxic



Environment.

or



Transport:



#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	PTK000105	<b>Product Name</b>	2K 4:1 Filler Primer Grey		
<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** T N : flammable ,toxic ,dangerous for the environment

**R Phrases** R45,46,10,66,67,50/53

**S Phrases** S01/02,36/37,13,43A,45,53,56,59

**Classification reference** **SANS10234 (1272/2008/EC):**
**Signal word** Danger

**Pictograms** GHS08;GHS02;GHS09

Carc. 1A / 1B	H350	May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Muta. 1B	H340	May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Flam. Liq. 3	H226 EUH066	Flammable liquid and vapour Repeated exposure may cause skin dryness or cracking
STOT SE 3	H336	May cause drowsiness or dizziness
Aquatic. Acute 1	H400	Very toxic to aquatic life
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects

**HMS Rating (USA)** 3 - 3 - 0 - I (Health-Flam-Reactivity-PPE)

**SAPMA Health Rating** 1-SERIOUS - Major injury likely unless prompt action taken and treatment given

**Inhalation** Irritating.

**Skin** HARMFUL BY CONTACT. Potential Carcinogen. May be absorbed.

**Eyes** Irritating.

**Ingestion** Toxic.

Human Carcinogen Cat 2. (EC/CHIP2)

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-BUTYL ACETATE	<15 %	-	000123-86-4	607-025-00-1
XYLENE	<10 %	Xn	001330-20-7	601-022-00-9
SOLVENT NAPHTHA LIGHT AROM (ARO1) "T"	<9 %	T	064742-95-6	649-356-00-4
Trizinc bis(orthophosphate)	<7 %	N	007779-90-0	030-011-00-6
AROMATIC HYDROCARBON SOLVENT	<4 %	Xn		o
4-METHYLPENTAN-4-ONE	<1 %	F Xn	000108-10-1	606-004-00-4
WHITE SPIRIT (WS3) Xn	<1 %	Xn	064742-88-7	649-405-00-X

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

EC Index	Classification
607-025-00-1	R10,66,67
601-022-00-9	Xn : R10,20/21,38
649-356-00-4	T : R45,46,65
030-011-00-6	N : R50/53
o	Xn : R10,37,65
606-004-00-4	F Xn : R11,20,36/37,66
649-405-00-X	Xn : R65

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

EC Index	Classification   Hazard Code
607-025-00-1	Flam. Liq. 3;STOT SE 3   H226;H336
601-022-00-9	Flam. Liq. 3;Acute Tox. 4 *;Acute Tox. 4 *;Skin Irrit. 2   H226;H332;H312;H315
649-356-00-4	Asp. Tox. 1   H304
030-011-00-6	Aquatic Acute 1;Aquatic Chronic 1   H400;H410
o	not found in T31
606-004-00-4	Flam. Liq. 2;Acute Tox. 4 *;Eye Irrit. 2;STOT SE 3   H225;H332;H319;H335
649-405-00-X	Asp. Tox. 1   H304

**SECTION 4. FIRST AID MEASURES**

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

**SECTION 5. FIRE FIGHTING MEASURES**

Flammable with toxic fumes.  
 Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!  
 Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.  
 Cool containers in case of fire.

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

Contain & collect. Use an Inert NOT sawdust. Keep waste separate for disposal.  
 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 only in designated places.  
 Store between 5 and 25 °C in a dry, well – ventilated place away from sources of heat, ignition and direct sunlight.  
 No open flames. No smoking.  
 Keep containers cool. Avoid free fall of liquid - use earthing.  
 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-BUTYL ACETATE	000123-86-4	710	150	950	200	RL
XYLENE	001330-20-7	435	100	650	150	RL+ S
SOLVENT NAPHTHA LIGHT AROM (ARO1) "T"	064742-95-6	1200				RL
Trizinc bis(orthophosphate)	007779-90-0	10/4				T/R
4-METHYLPENTAN-4-ONE	000108-10-1	205	50	300	75	RL+ S
WHITE SPIRIT (WS3) Xn	064742-88-7	575	100	720	125	RL

<b>HMS Rating (USA)</b>	3 - 3 - 0 - I (Health-Flam-Reactivity-PPE)
<b>SAPMA Rating</b>	1-H-E PPE : Gloves, Respirator and Eye protection
<b>Inhalation</b>	In case of insufficient ventilation, use suitable respiratory protection.
<b>Skin</b>	Avoid direct contact. Use barrier cream and impervious gloves.
<b>Eyes</b>	Use face shield & goggles or full face respirator/hood. Avoid direct contact.
<b>Ingestion</b>	Observe the rules of hygiene. Wash before eating, drinking or smoking. OEL Type : Mixture - See tables in Sections 3 and 8



<b>SPRAYBOOTH</b>	
<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	Grey Viscous liquid
Odour	Pungent
Boiling point	>35°C
Flash point	23°C
Viscosity	80 - 85 KU @23°C
Relative Density	1.350 – 1.390

## SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

Could generate static - USE EARTHING

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

Human Carcinogen Cat 2. (EC/CHIP2)

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal
n-BUTYL ACETATE	000123-86-4	14000 mg (Rat)		
XYLENE	001330-20-7	4300 mg (Rat)	>5000 mg (Rabbit)	
SOLVENT NAPHTHA LIGHT AROM (ARO1) "T"	064742-95-6	>5000 mg (Rat)		
Trizinc bis(orthophosphate)	007779-90-0			
4-METHYLPENTAN-4-ONE	000108-10-1	2080 mg (Rat)		
WHITE SPIRIT (WS3) Xn	064742-88-7	>5000 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

UN Number	1263		
Shipping Name	PAINT PRODUCT		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	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 - T N : flammable ,toxic ,dangerous for the environment ; R45,46,10,66,67,50/53;

S01/02,36/37,13,43A,45,53,56,59

Risk and Safety Phrases :

R45 - May cause cancer

R46 - May cause heritable genetic damage

R10 - Flammable

R66 - Repeated exposure may cause skin drying or cracking

R67 - Vapours may cause drowsiness and dizziness.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S1/2 - Keep locked up and out of the reach of children. (Retail sales items)

S36/37 - Wear suitable protective clothing and gloves

S13 - Keep away from food, drink and animal feeding stuffs

S43A - In case of fire, use water fog, foam or powder - Do not use water jets!

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

S53 - Avoid exposure - obtain special instruction before use

S56 - Do not discharge into drains or the environment, dispose to an authorised waste collection point

S59 - Refer to manufacturer/supplier for information on recovery/recycling



Toxic



Environment.

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

EC Index Number EC no. : n/a

Classification and Labelling Danger ;GHS08;GHS02;GHS09 ;H350;H340;H226;EUH066;H336;H400;H410

**Hazard and Precautionary Statements :**

- H350 - May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
- H340 - May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
- H226 - Flammable liquid and vapour
- EUH066 - Repeated exposure may cause skin dryness or cracking
- H336 - May cause drowsiness or dizziness
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- P101 = If medical advice is needed, have product container or label at hand. : Consumer products
- P102 = Keep out of reach of children. : Consumer products
- P201 = Obtain special instructions before use. :
- P281 = Use personal protective equipment as required. :
- P370+P378 = In case of fire: Use ... for extinction. : ... Manufacturer/supplier to specify appropriate media.
- P405 = Store locked up. :
- P501 = Dispose of contents/container to ... : ... in accordance with local/regional/ national/international regulation (to be specified).



**SECTION 16. OTHER INFORMATION**

Take precautionary measures against static.

A potential carcinogen.

Possibility of systemic effects-potential mutagen.

Ensure precautions are taken.

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
- R36/37 : Irritating to the eyes and respiratory system
- R37 : Irritating to the respiratory system
- R38 : Irritating to the skin
- R45 : May cause cancer
- R46 : May cause heritable genetic damage
- R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 : Harmful: May cause lung damage if swallowed.
- 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
- H304 : May be fatal if swallowed and enters airways
- H312 : Harmful in contact with skin
- H315 : Causes skin irritation
- H319 : Causes serious eye irritation
- H332 : Harmful if inhaled
- H335 : May cause respiratory irritation
- H336 : May cause drowsiness or dizziness
- H400 : Very toxic to aquatic life
- H410 : Very toxic to aquatic life with long lasting effects

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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