

# SAFETY DATA SHEET

Date issued 11/06/2013

## APU000010 : Acryline PU Acrylic Clear



Harmful

or



Transport:



### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	APU000010	<b>Product Name</b>	Acryline PU Acrylic Clear	
<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

<b>Overall Nature</b>	HAZARDOUS SUBSTANCE. DANGEROUS GOODS		
<b>Chemical Class</b>	PAINT PRODUCT		
<b>Comment</b>	OEL Type : Mixture - See tables in Sections 3 and 8		
<b>Classification reference</b>	<b>SABS0265 (Directives 67/548/EEC or 1999/45/EC):</b>		
<b>Danger symbol</b>	Xn : flammable ,harmful		
<b>R Phrases</b>	R10,65,38,43,66,67		
<b>S Phrases</b>	S02,13,24,37,43A,62		

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

<b>Signal word</b>	Danger
<b>Pictograms</b>	GHS02;GHS08;

Flam. Liq. 3	H226	Flammable liquid and vapour
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways
Skin Corr/Irrit. 2	H315	Causes skin irritation
Skin Sens. 1	H317	May cause an allergic skin reaction
	EUH066	Repeated exposure may cause skin dryness or cracking
STOT SE 3	H336	May cause drowsiness or dizziness

<b>HMIS Rating (USA)</b>	2 - 3 - 0 - I (Health-Flam-Reactivity-PPE)
<b>SAPMA Health Rating</b>	2-MODERATE - Temporary or minor injury possible even if treatment given
<b>Inhalation</b>	Irritating.
<b>Skin</b>	HARMFUL BY CONTACT. Potential sensitiser.
<b>Eyes</b>	Highly Irritating and risk of irreversible damage.
<b>Ingestion</b>	Harmful. May cause lung damage if swallowed. May have short term environmental effects. Contain, monitor & remove.Skin Sensitiser

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
XYLENE	<25 %	Xn	001330-20-7	601-022-00-9
n-BUTYL ACETATE	<15 %	-	000123-86-4	607-025-00-1
HINDERED AMINE	<2 %	Xi N	MIXTURE	
AROMATIC HYDROCARBON SOLVENT	<16 %	Xn		o
DIETHYL AMINOETHANOL	<0.4 %	C	000100-37-8	603-048-00-6
N-BUTANOL	<0.1 %	Xn	000071-36-3	603-004-00-6

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

EC Index	Classification
601-022-00-9	Xn : R10,20/21,38
607-025-00-1	R10,66,67
	Xi N : R43,51/53
o	Xn : R10,37,65
603-048-00-6	C : R10,20/21/22,34
603-004-00-6	Xn : R10,22,37/38,41,67

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

EC Index	Classification   Hazard Code
601-022-00-9	Flam. Liq. 3;Acute Tox. 4 *;Acute Tox. 2   H226;H332;H312;H315
607-025-00-1	Flam. Liq. 3;STOT SE 3   H226;H336
	o not found in T31
603-048-00-6	Flam. Liq. 3;Acute Tox. 4 *;Acute Tox. 4 *;Acute Tox. 4 *;Skin Corr. 1B   H226;H332;H312;H302;H314
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

**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>	ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Get immediate medical attention.

**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 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 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
XYLENE	001330-20-7	435	100	650	150	RL+ S
n-BUTYL ACETATE	000123-86-4	710	150	950	200	RL
HINDERED AMINE MIXTURE						
DIETHYL AMINOETHANOL	000100-37-8	50	10.0			RL S
N-BUTANOL	000071-36-3	150	50	150	50	RL S

<b>HMIS Rating (USA)</b>	2 - 3 - 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 direct contact. Use barrier cream and impervious gloves.
<b>Eyes</b>	Use goggles. Avoid direct contact.
<b>Ingestion</b>	Observe the rules of hygiene. Wash before eating or drinking. OEL Type : Mixture - See tables in Sections 3 and 8 Skin Sensitiser

**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	Clear Viscous liquid
Odour	Pungent
Boiling point	>35°C
Flash point	23°C
Relative Density	0.957 – 0.977
Viscosity	75 - 80 sec D4 @20°C

## 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

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal
XYLENE	001330-20-7	4300 mg (Rat)	>5000 mg (Rabbit)	
n-BUTYL ACETATE	000123-86-4	14000 mg (Rat)		
HINDERED AMINE MIXTURE		>20000		
DIETHYL AMINOETHANOL	000100-37-8	1300 mg (Rat)	1260 mg (Rabbit)	
N-BUTANOL	000071-36-3	750 mg (Rat)	3400 mg (Rabbit)	

## 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 - Xn : flammable , harmful ; R10,65,38,43,66,67 ; S02,13,24,37,43A,62

Risk and Safety Phrases :

R10 - Flammable

R65 - Harmful: May cause lung damage if swallowed.

R38 - Irritating to the skin

R43 - May cause sensitisation by skin contact

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

S24 - Avoid contact with the skin

S37 - Wear suitable gloves

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

S62 - If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.



Harmful

Classification reference SANS10234 (1272/2008/EC):

EC Index Number EC no. : n/a

Classification and Labelling Danger ;GHS02;GHS08;H226;H304;H315;H317;EUH066;H336

Hazard and Precautionary Statements :

H226 - Flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

EUH066 - Repeated exposure may cause skin dryness or cracking

H336 - May cause drowsiness or dizziness

P102 = Keep out of reach of children. : Consumer products

P262 = Do not get in eyes, on skin, or on clothing. :

P281 = Use personal protective equipment as required. :

P301+P330+P331 = IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. :

P312 = Call a POISON CENTER or doctor/physician if you feel unwell. :

P370+P378 = In case of fire: Use ... for extinction. : ... Manufacturer/supplier to specify appropriate media.



## SECTION 16. OTHER INFORMATION

THIS SUBSTANCE IS A POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN.  
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

### Risk (R) phrases associated with components

R10 : Flammable  
R20/21 : Harmful by inhalation and contact with the skin  
R20/21/22 : Harmful by inhalation, in contact with the skin and if swallowed  
R22 : Harmful if swallowed  
R34 : Causes burns  
R37 : Irritating to the respiratory system  
R37/38 : Irritating to respiratory system and skin  
R38 : Irritating to the skin  
R41 : Risk of serious damage to eyes  
R43 : May cause sensitisation by skin contact  
R51/53 : 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

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  
H318 : Causes serious eye damage  
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.

(Date of issue : 11/06/2013    Date of analysis : 11/06/2013)

Revision Number : 5

Revision Date: 11/06/2013