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## MATERIAL SAFETY DATA SHEET

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

NAME: PURE ACRYLIC EMULSION      REF. CODE: SHADENET INK      DATE: 21/7/04      PAGE: 1 of 2

### SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION

NAME: PURE ACRYLIC EMULSION

CODE: SHADENET INK

C.A.S No.:

EC No.:

EC LABEL:

UN/SIN No.:

EAC:

HAZCHEM: N/A

HAZARD RATING:

SAPMA: 4-H-C

Possible traces of residual monomer.

IN EMERGENCY CONTACT: Robin Philip

AT PHONE: +27 21 557 5005

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### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

EC CLASSIFICATION: NOT CLASSIFIED

NO LISTED HAZARDOUS COMPONENTS PRESENT

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### SECTION 3 - HAZARDS IDENTIFICATION

SAPMA HEALTH RATING: 4-MINIMAL - No great risk to health.

INHALATION: Possible traces of free monomers. Can be irritating.

SKIN: Direct contact to be avoided.

EYES: Can cause damage.

INGESTION: Irritating and nauseating.

NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED

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

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#### **SECTION 4 - FIRST AID MEASURES**

INHALATION: Move to fresh air.

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.

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#### **SECTION 5 - FIRE FIGHTING MEASURES**

FIRE RATING: Inert - will not burn or decompose.

FIRE REACTIVITY: Inert - No reaction with fire-fighting water.

FIRE: Non-hazardous

EXPLOSION: No hazard expected.

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

Wash to sewers/effluent with plenty of water. Keep out of storm water drains.

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#### **SECTION 7 - HANDLING AND STORAGE**

Inert substance with no special requirements or hazard containment.

FIRE: Non-hazardous

EXPLOSION: No hazard expected.

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#### **SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

SAPMA RATING: 4-H-C

PPE: Eye protection as necessary.

INHALATION: In case of insufficient ventilation, use suitable respiratory protection.

SKIN: Observe the rules of hygiene. Wash before drinking, eating or smoking.

EYES: Avoid direct contact. Never touch eyes with dirty hands or gloves.

INGESTION: Observe the rules of hygiene. Wash before drinking, eating or smoking.

Appropriate hand protection and protective clothing must always be used.

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#### **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

CHEMICAL CLASS: ACRYLIC COPOLYMER EMULSION

APPEARANCE: EMULSION

pH: 8.5

DENSITY: Ca 1.0

VISCOSITY: 2000CPS

NON-VOLATILE: 50%

FLAMMABILITY:

BOILING POINT/RANGE: >100

SOLUBILITY: - WATER: Miscible

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**SECTION 10 - STABILITY AND REACTIVITY**

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED.

LD50 ORAL: mg                      LD50 SKIN: mg                      LC50 INHALATION: mg

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**SECTION 12 - ECOLOGICAL INFORMATION**

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

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

Can be eliminated from sewage/effluent by chemical flocculation.

EXERCISE DISCRETION IN THE DISPOSAL OF USED CONTAINERS.

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**SECTION 14 - TRANSPORT INFORMATION**

UN No.:                      PACKING GROUP:                      HAZCHEM CODE: N/A                      EA CODE:  
IMO CLASS:

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**SECTION 15 - REGULARITY INFORMATION**

EC INDEX No.:                      EEC LABEL No. (EINECS/ELINCS):

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**SECTION 16 - OTHER INFORMATION**

IN THE CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

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OELs derived from OHS Act Regulations for Dangerous Chemical Substances date 25 August 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.