



## **TROJAN™ BONDEX**

<b><i>Product Description</i></b>	An 'Admix' with a stronger, longer lasting acrylic composition for adding to sand and cement mixtures with unequalled adhesion to substrate and better workability. Not sticky on the trowel like other concrete glues.
<b><i>Typical Uses</i></b>	For industrial, commercial and residential use. For slopping floors, parging walls and 'skim' coating over old concrete and masonry surfaces. Use for repairing holes, cracks and resurfacing old concrete to give a smooth fresh surface.
<b><i>Product Advantages</i></b>	<b>Trojan™ Bondex</b> is non-toxic, non-flammable, mixes easily, versatile and water-clean up of tools.
<b><i>Colour</i></b>	Milky/Dries Clear
<b><i>Physical Constants/ Storage</i></b>	<b>*Solubility in water:</b> Dilutable <b>*Specific Gravity:</b> (H2O =1) 1.2 <b>*Evaporation Rate:</b> Slower than ether <b>*pH:</b> 8.0 <b>*Vapour Density:</b> Heavier than Air <b>*Solubility in Water:</b> Soluble – DO NOT THIN <b>*Percent Volatile by Weight:</b> N/A
<b><i>Application</i></b>	<b>Theoretical Coverage:</b> 4.5 Litres mixes with 25 Kilo of sand and Cement mixture. Coverage depends on thickness of coat and roughness of surface
<b><i>Shipping &amp; Storage</i></b>	<b>Consists of:</b> 5 Litre Min    10-20 Litre    200 Litre <b>Shelf Life:</b> 12 months minimum from date of manufacture when maintained in protected storage.

## **TROJAN™ BONDEX**

### **APPLICATION INSTRUCTIONS:**

Always test on surface prior to application.

### **SURFACE PREPARATION AND APPLICATION:**

1. If applying to walls, wash all walls first with *Trojan™ Concentrate Degreaser*. Clean away all dust and grime.
2. Brush *Trojan™ Bondex* onto wall first to pre-prime. Or brush *Trojan™ Bondex* into area to be filled or repaired.
3. Apply mortar mix while area is still wet to give strength, durability and adhesion.

### **COVERAGE:**

Approximately 4.5 Litres of *Trojan™ Bondex* mixed with 25 Kilogram's of sand and cement mixture.

### **SAFETY:**

Safe storage, handling and use dictate that adequate health and safety precaution be observed with this product. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as any precautions on product labelling.

### **LIMITATIONS:**

Apply in good weather when air and surface temperature are above 7 degrees Celsius and surface temperature is at least 5 Degrees Celsius above the dew point. For optimum application properties, material should be stored at 21-38 Degrees Celsius prior to application. Maintain unused material in closed containers in protected storage at 5-38 Degrees Celsius.

**DO NOT STORE IN STRONG SUNLIGHT.**

### **NOTICE:**

The technical data contained herein are true and accurate to the best of our knowledge. All products offered, and sold subject to Enviropacific™ Pty Ltd Standard Conditions of Sale. Published technical data and instructions are subject to change without prior notice.

## MATERIAL SAFETY DATA SHEET

### TROJAN™ BONDEX

#### SECTION I – IDENTIFICATION:

**Chemical Name:** 100% acrylic emulsion

#### SECTION II – HAZARDOUS INGREDIENTS:

##### COMPONENT INFORMATION

	CAS Number	Vapour Pressure Mm Hg @ Temp.	Weight%
Ammonia	76664-41-7	.68 68 F	0.1

#### SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS:

<b>Appearance/Odour –</b>	Milky liquid with Ammonia Odor
<b>State –</b>	Liquid
<b>Vapor Density –</b>	(Air=1) : <1 water
<b>Solubility in Water –</b>	Dilutable
<b>Boiling Point -</b>	100 Degrees C/212 deg F
<b>Specific Gravity –</b>	(H2O = 1) 1.0 – 1.2
<b>Evaporation Rate –</b>	(Bac=1) – <1 Water
<b>pH –</b>	9.5 – 10.5

#### SECTION IV – FIRE & EXPLOSION HAZARD DATA:

##### **FIRE & EXPLOSIVE PROPERTIES:**

**FLASH POINT** Non Combustible **METHOD USED:** N/A

##### **FLAMMABLE LIMITS IN AIR BY VOLUME**

**LEL :** N/A **UEL:** N/A

**EXTINGUISHING AGENTS:** Using extinguishing media appropriate for surrounding fire

**PERSONAL PROTECTIVE EQUIPMENT :** Wear self-contained breathing apparatus (pressure demand MSHA/NIOSH approved or equivalent) and full protective gear.

## MATERIAL SAFETY DATA SHEET

CONTINUED:

### **SECTION V – REACTIVITY:**

**STABILITY** – Stable

**HAZARDOUS DECOMPOSITION PRODUCTS** – Thermal decomposition may yield acrylic monomers

**INCOMPATIBILITY** – No known materials which are incompatible

**HAZARDOUS POLYMERISATION** – Will not occur.

### **SECTION VI – HEALTH HAZARD INFORMATION:**

#### **HEALTH EFFECTS FROM OVER EXPOSURE**

**EYE CONTACT** – Eye irritation, redness and tearing on contact

**SKIN CONTACT** – May cause irritation, dryness and dermatitis on prolonged contact

**NASAL CONTACT** - May cause irritation, dizziness, fatigue, nausea and headache

**INGESTION** - Can cause gastrointestinal irritation, nausea, vomiting and diarrhea

**ASPIRATION INTO LUNGS** – Can cause chemical pneumonitis

**CARCINOGENICITY : NTP?** – NO **IARC MONOGRAPHS:** -NO **OSHA**

**REGULATED** -NO

### **EMERGENCY FIRST AID INFORMATION:**

**EYE CONTACT** – Flush eyes with water for at least 15 minutes

**SKIN CONTACT** – Wash affected areas with soap and water.

**INHALATION** – Move subject to fresh air, if breathing is difficult, give oxygen.

**INGESTION** - Give 2 glasses of water to drink to dilute. Consult a Doctor

**DO NOT INDUCE VOMITTING**

**SEE A DOCTOR IF DEEMED NECESSARY IN ALL CASES.**

### **SECTION VII – SPILL OR LEAK HANDLING PROCEDURES:**

Eliminate all ignition sources. Provide good ventilation, dike spill area and cover with inert and/or absorbent material (sand or earth) and remove to disposal container. Observe all relevant federal, state and local laws.

### **SECTION IX – SPECIAL PROTECTION INFORMATION:**

**VENTILATION & RESPIRATORY:** – Use in a well ventilated area. If ventilation is inadequate, use OSHA approved respirator (negative pressure type) is recommended. If workplace overexposure limit is exceeded NIOSH/MSHA approved cartridge respirator is advised. When spraying material, use a NIOSH approved cartridge respirator suitable to keep airborne mists/vapours below the time weighted limit value.

### **OTHER PROTECTIVE CLOTHING:**

Impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of head caps is recommended

## MATERIAL SAFETY DATA SHEET

CONTINUED:

### **SECTION VII – STORAGE AND HANDLING INFORMATION:**

Store in a well ventilated area. Keep containers closed when not in use. Keep from freezing material may coagulate. Minimum recommended storage temperature is 1 degree Celsius. Keep away from excessive heat and open flame. Maximum recommended storage temperature is 49degrees Celsius.

The information contained herein is based on data considered accurate. However, No warranty is expressed or implied regarding the accuracy of this data or results to be obtained from the use thereof. Vendor assumes no responsibility for injury to Vendee or third person proximately caused by material if reasonable safety procedures are not adhered to as stipulated in the data sheets. Additionally, Vendor assumes no responsibility for injury to Vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, Vendee assumes the risk in the use of this material.

## **TROJAN™ BONDEX**

*100% ACRYLIC EMULSION FOR TWO-PACK CEMENT BASED FORMULAS*

### **KEY FEATURES AND BENEFITS:**

- Fourth Generation low viscosity emulsion developed specifically for enhancing the strength, durability and adhesion of cement based products.
- Suitable for the formulation of conventional and light weight renders and coatings, waterproofing systems, patching and repair mortars, underlayments and commercial flooring.
- Provides dramatic improvements in bonding liquid applications, especially under wet conditions.
- Formulated systems display the typical 100% acrylic benefit on exterior exposure, no degradation or colour development.

***UNEQUALED ADHESION***