



# MATERIAL SAFETY DATA SHEET

## ACRYLIC ROOF PAINT

### 1. Identification

**GHS product identifier:**

ACRYLIC ROOF PAINT

**Other means of identification:**

A superior water based acrylic paint.

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses:

Suitable for new and previously painted cementitious and galvanised roofs.

Can be used on prepared and primed cladding, through-colour roof tiles, fibre-cement sheets, include, Aluzinc, galvanised garage doors, galvanised gutters/down pipes and concrete paving.

**Supplier's details:**

Pro-Paint Manufacturing (PTY) LTD

4 Industrial Crescent

Bronkhorstspuit

1020

**Emergency phone:**

013 932 0020 (within hours of operation)

### 2. Hazards identification

**Classification of the substance or mixture**

Not classified as hazardous.

**Label elements according to:**

SANS 10234: 2008

Hazard pictograms:

None

Signal word:

Warning

Hazard statements:

H303- May be harmful if swallowed.

H313- May be harmful in contact with skin.

H333- May be harmful if inhaled.

H413- May cause long-lasting harmful effects to aquatic life.

**Precautionary statements**

General:

P101- If medical advice is needed, have product container or label at hand.



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



Prevention:

- P102- Keep out of reach of children.
- P103- Read label before use.
- P202- Do not handle until all safety precautions have been read and understood
- P501: Dispose of contents/containers in accordance with local regulation
- P233- Keep container tightly closed.
- P261- Avoid breathing vapours/spray.
- P262- Do not get in eyes, on skin, or on clothing.
- P270- Do not eat, drink or smoke when using this product.
- P271- Use only outdoors or in a well-ventilated area.
- P273- Avoid release to the environment.
- P280- Wear protective gloves/protective clothing/eye protection/face protection.
- P285- In case of inadequate ventilation wear respiratory protection.

Response:

- P235+410- Keep cool. Protect from sunlight.
- P314- Get medical advice/attention if you feel unwell.
- P391- Collect spillage.
- P301+330+331- IF SWALLOWED- Rinse mouth. Do NOT induce vomiting.
- P303+361+353- IF ON SKIN (or hair)- Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P304+340: IF INHALED- Remove person to fresh air and keep comfortable for breathing.
- P305+351+338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P333+313- If skin irritation or a rash occurs: Get medical advice/attention. P337+313- If eye irritation persists get medical advice/attention.



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



Storage:

P362+364- Take off contaminated clothing and wash it before reuse.

P410- Protect from sunlight.

P402+404- Store in a dry place. Store in a closed container.

P403+235- Store in a well-ventilated place. Keep cool.

**Other hazards which do not result in classification:**

None identified

### **3. Composition/information on ingredients**

**Substance/mixture:**

Mixture

**Other means of identification:**

Acrylic emulsion-based paint

**CAS number/other identifiers**

CAS number:

Not applicable

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.**

### **4. First aid measures**

Description of necessary first aid measures

Eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion:

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Most important symptoms/ effects, acute and delayed**



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



#### Potential acute health effects

Eye contact:

May cause eye irritation.

Inhalation:

May be harmful if inhaled.

Skin contact:

May cause skin irritation.

Ingestion:

May be harmful if swallowed.

#### Over-exposure signs/symptoms

Eye contact:

Adverse symptoms may include the following  
pain or irritation watering redness.

Inhalation:

Adverse symptoms may include the following  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo.

Skin contact:

Adverse symptoms may include the following:  
irritation  
redness.

Ingestion:

No data available.

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician:

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments:

No specific treatment.

Protection of first-aiders:

No action shall be taken involving any personal risk or without suitable training.

#### See toxicological information (Section 11)

#### Section 5. Fire-fighting measures

##### Extinguishing media

Suitable extinguishing media:

Use an extinguishing agent suitable for the surrounding fire. Use foam, CO2, dry powder

Unsuitable extinguishing media:

None known.

##### Specific hazards arising from from the chemical:

In a fire or if heated, a pressure increase will occur and the container may burst.

##### Hazardous thermal



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



**decomposition products:**

Product is non-flammable. Dried residues may be combustible.

No direct explosion hazard expected.

**Special protective actions**

**For fire-fighters:**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel:**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**For emergency responders:**

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up**

**Small spill:**

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



Large spill:

soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

## 7. Handling and storage Precautions for safe handling:

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

## Conditions for safe storage, Including any Incompatibilities:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure controls/personal protection

**Occupational exposure limits:** None.

**Recommended monitoring**

**Procedures:**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

**Appropriate engineering controls:**

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**Environmental exposure controls:**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## Individual protection measures

**Hygiene measures:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eye/face protection:

Hand protection:

Body protection:

Other skin protection:

Respiratory protection:

## 9. Physical and chemical properties

Physical state:

Colour:

Odour:

Odour threshold:

Viscous Liquid

Standard colours as per colour card

No data available.

No data available.



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.





pH:	8.5 – 9.5
Melting point:	No data available.
Boiling point:	No data available.
Flash point:	Product does not sustain combustion.
Evaporation rate:	No data available.
Flammability (solid, gas):	Not applicable.
Lower and upper explosive (flammable) limits:	Not applicable.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	1.18 – 1.21 (typical)
Solubility:	Water miscible
Partition coefficient, n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	100 – 105 KU

## 10. Stability and reactivity

### Reactivity:

### Chemical stability:

### Possibility of hazardous reactions:

### Conditions to avoid:

### Incompatible materials:

### Hazardous decomposition products:

Inert - no reaction with fire-fighting water  
Stable under normal conditions.

Under normal conditions of storage and use, hazardous reactions will not occur.

Avoid contact with acids, alkalis and hydrocarbon solvents

No data available.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

### Information on the likely routes of exposure:

Inhalation, skin contact  
Potential acute health effects



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



Eye contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics
Eye contact:	No data available.
Inhalation:	No data available.
Skin contact:	No data available.
Ingestion:	No data available. exposure. Potential Chronic health effects
General:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards. Acute toxicity estimates No data available.

## 12. Ecological information

### Toxicity

No data available.

### Persistence and degradability

No data available.

### Bioaccumulate potential

No data available.

### Mobility in soil

Soil/ water partition coefficient

(KOC):

Mobility:

**PBT/pub data:** P:

No data available.

No data available.

No data available. B: No data available. T: No data available.

**Other adverse effects:**

No known significant effects or critical hazards.



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



### 13. Disposal considerations

#### Disposal methods:

The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### 14. Transport information

	Transportation - road - SANS 10228:2012	Transportation- Maritime - IMO/ IMDG	Transportation- Air - IATA
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	No data available	No data available	No data available
<b>Transport hazard class(es)</b>	No data available	No data available	No data available
<b>Packing group</b>	No data available	No data available	No data available
<b>Marine pollutant</b>	No	No	No
<b>Additional information</b>	No data available	No data available	No data available
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code</b>	No data available	No data available	No data available



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure. April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



## 15. Regulatory information Safety, health and environmental regulations

### specific for the product: Relevant information regarding authorization:

Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances.

### Relevant information regarding restrictions:

None known.

### EU regulations:

Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC

### Other National regulations:

None. Standards used for PPE recommendations in Section 8: NIOSH-National Institute for Occupational Health and Safety (USA) EN 166- European standard which concerns the area of eye protection? EN 374-3 European standards for permeation and penetration. EN 141/EN 143 European standards for gas mixtures to remove specified gases and vapours or combined filters for removing solids, and/or liquid particles and specified gases and vapours.

## 16. Other information

### Key to abbreviations:

ATE = Acute Toxicity Estimate

BCP Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

Log Pow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marol" = marine pollution)

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.



UN = United Nations

**References:** Supplier safety data sheets

**Further information:**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**Notice to readers:**

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

**Legal disclaimer:**

The above information is believed to be correct but does not purport to be all inclusive and shall be only used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



**PROTECTION WHERE YOU NEED IT!**

Limitation of liability applies. Refer to annexure for full disclosure.  
April 2009 - INDUSTRIAL RANGE - HB EPOXY PIPE COAT - revision 1 of 2009.