



Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET

PRODUCT: Bitumen Aluminium
DATE PRINTED: 15/03/2017
PAGE 1 OF 4

1. PRODUCT AND COMPANY IDENTIFICATION (This page may be used as an emergency data sheet)

Company Details:

Name: Laminin Coatings (Pty) Ltd
Address: 13 Monument Road, Oranjesig, BFN
Tel.: 051 – 447 8938
Fax: 086 518 6455

Product Details:

Trade Name:	Bitumen Aluminium	CAS No.:	Mixture
Main use:	Industrial or domestic use	Hazchem Code:	Not available
Chemical family:	Alkyd Paint	UN No.:	Not available
Chemical Name:	Solvent based paint		

2. COMPOSITION

Solvent based alkyd paint
Hazardous Components: Classified as hazardous

3. HAZARDS IDENTIFICATION

Main Hazard:	Flammable
Flammability:	Yes – flammable liquid
Chemical Hazard:	Yes
Biological Hazard:	Not hazardous
Reproductive Hazard:	None
Health effects – Eyes:	Yes
Skin:	Yes
Ingestion:	Yes
Inhalation:	Yes
Carcinogenicity:	None
Mutagenicity:	None
Neurotoxicity:	None



Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET

PRODUCT: Bitumen Aluminium
DATE PRINTED: 15/03/2017
PAGE 2 OF 4

4. FIRST AID MEASURES

In contact with eyes: Wash with lukewarm water for several minutes while holding eyelids open or until irritation subsides and seek medical advice.

In contact with skin: Wash with white spirits before the solution dries and remove any contaminated clothing and wash with large amounts of soap and water. If irritation persists seek medical advice.

If ingested: May cause nausea. Do not induce vomiting. Drink as much water as possible and seek medical advice immediately.

If inhaled: Remove to well ventilated area. In severe cases seek medical advice.

Other precautions: Avoid prolonged contact with skin.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water, carbon dioxide or dry chemicals

Special hazards: This product is solvent based and is flammable. Dry resin will burn producing carbon dioxide and sometimes oxides of nitrogen accompanied by dense black smoke.

Protective clothing: Protective clothing and a self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Protective gloves. Overalls and footwear. Respiratory equipment if in an enclosed area. Eliminate all ignition sources

Environmental precautions: Do not wash into drains unless leading to a suitable effluent process.

Small spills: Absorb with sand or rags before the paint is allowed to dry.

Large spills: Contain and pump into a receiving vessel for removal.

Waste disposal: Check with Federal, Provincial and local Government regulations and requirements for disposal.

7. HANDLING AND STORAGE

Suitable material: Steel containers.

Handling: Wear protective gloves, goggles, overalls and apron
Observe good housekeeping practice.
Keep workplace well ventilated

Storage: Store under cover at temperatures above freezing and out of direct sunlight.
Containers should be properly sealed.
Open in ventilated surroundings as small levels of VOC may accumulate in top void of the containers.
Stir before use! Keep out of reach of children.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational exposure limits: Not applicable

Engineering control measures: Use mechanical ventilation to reduce exposure.

Personal protection – respiratory: Breathing apparatus if ventilation is not adequate

Personal protection – eye: Safety goggles are recommended

Personal protection – skin: Safety goggles, waterproof overalls and boots are recommended in cases of severe splashing.

Other protection: Do not eat drink or smoke when handling the product.



Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET

PRODUCT: Bitumen Aluminium
DATE PRINTED: 15/03/2017
PAGE 3 OF 4

9. PHYSICAL and CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	White / Coloured pourable liquid
Odour:	Characteristic
pH:	Not applicable
Boiling point:	100°C (as for Water)
Flash point:	Combustible
Explosive properties:	Not applicable
Vapour pressure:	Heavier than air
Density:	1.35 – 1.45 (as supplied)
Solubility – water:	Not soluble
Solubility – solvent:	Soluble in some alcohols, esters and aromatic and aliphatic solvents

10. STABILITY and REACTIVITY

Stability:	Stable under recommended conditions of storage.
Incompatible materials:	Not available
Conditions to void:	Extremes temperatures in closed containers / sparks and open flames
Hazardous decomposition products:	None
Hazardous reactions:	None / Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Long term experience of handling this class of product under industrial conditions indicate the absence of chronic or acute effects.
Skin and eye contact:	
Acute / Chronic Toxicity:	Aliphatic Solvents: Has been known to cause Dermatitis or kidney damage. It can also cause a headache or coordination problems. White spirits has been known to cause Dermatitis, conjunctivitis, corneal damage, nausea, vomiting, diarrhea, headache and dizziness.
Carcinogenicity:	None known
Mutagenicity:	None known
Neurotoxicity:	None known
Reproductive hazards:	None known

12. ECOLOGICAL INFORMATION

Aquatic toxicity – fish:	high toxicity
Aquatic toxicity – daphnia:	none known
Aquatic toxicity – algae:	none known
Biodegradability:	The base polymer is slowly biodegraded

13. DISPOSAL CONSIDERATIONS

Disposal of product and packaging should always comply with local and national regulations.
Recover liquid with absorbent material. Disposal methods: Waste product should not be discharged directly into drains or waterways without treatment. Waste water containing product should be treated in a separation and biological treatment plant.
Disposal of packaging: Containers may be cleaned and returned to the supplier for re-use.



Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET

PRODUCT: Bitumen Aluminium
DATE PRINTED: 15/03/2017
PAGE 4 OF 4

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT.

15. REGULATORY INFORMATION

EEC hazard classification: None
This product contains only substances which are on the European Inventory of Existing Chemicals (EINECS)

16. OTHER INFORMATION

The information provided in this Material Safety Data Sheet is based on the present state of our knowledge. This data is intend to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for advice on specific applications. The material may be used under conditions over which Laminin Paints has no control or in ways we cannot anticipate, we give no warranty , expressed or implied, as to the accuracy of the information and assume no responsibility for any damages that may occur.

Further information may be obtained from:

See above.:
