

# MATERIAL SAFETY DATA SHEET

## LIQUID RUBBER HIGH BUILD

**SUPPLIER:** LIQUID RUBBER MANUFACTURING Pty Ltd

**ADDRESS:** 4/12 Ern Harley Drive, Burleigh Waters, Qld 4220  
Phone: 07 5568 0544 Fax: 07 5568 0577

**THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCTS OR THE  
TRANSPORTATION DANGEROUS GOODS REGULATIONS**

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### SECTION I MATERIAL IDENTIFICATION

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**TRADE NAME:** HIGH BUILD  
**CHEMICAL FAMILY:** Water suspension of petroleum derived hydrocarbons (polymer modified emulsified asphalt) and inert fillers.  
**MATERIAL USE:** Protective Coating  
**T.D.G. CLASSIFICATION:** NON REGULATED  
**WHIMIS CLASSIFICATION:** NON REGULATED  
**EMERGENCY TELEPHONE:** +61 7 5568 0544

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### SECTION II HAZARDOUS INGREDIENTS

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COMPONENT	CAS#	% (BY MASS)	LC50 (ppm) (rat ihal)	LD50 (mg/kg) (rat oral)
Complex mixture of bitumens:	9072-35-9	40-70	n/a	n/a
Anionic surfactants:	143-19-1	0.5-2.0	n/a	n/a
Water:	7732-18-5	30-60	n/a	n/a
Polymer dispersion:	9010-98-4	5-25	n/a	n/a

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### SECTION III PHYSICAL PROPERTIES

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**Odour and appearance:** Brown liquid, slight resinous odour.  
**Odour threshold:** n/a  
**Specific gravity:** 1.00 (approx.).  
**Coefficient of water/oil distribution:** n/a  
**Vapour pressure (mm Hg):** 17 @20°C (water)  
**Boiling point:** 100°C (water)  
**Freezing point:** 0°C  
**pH:** 7-13  
**Vapour density (air = 1):** >1  
**Evaporation rate (nBuAcetate = 1):** <1  
**Volatiles %:** 40-60 (water)  
**Solubility in water:** Partially soluble

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### SECTION IV FIRE & EXPLOSION DATA

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**Means of extinction:** n/a  
**Sensitivity to mechanical impact/static discharge:** n/a  
**Flash point (method):** n/a (non-combustible)  
**Upper flammable limits % :** n/a  
**Lower flammable limits % :** n/a  
**Auto ignition temperature:** n/a  
**Special fire fighting instructions:** n/a  
**Unusual fire and explosion hazards:** Product will not burn but may splatter if temperature exceeds the boiling point of water.

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## SECTION V REACTIVITY DATA

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**Chemical stability:** Stable  
**Incompatible materials:** Will react with alkaline sensitive materials such as acids and certain metals. Contact with reactive metals such as aluminum or magnesium will result in the formation of explosive hydrogen gas.  
**Hazardous decomposition products:** Avoid heating above 200°C. At elevated temperatures hazardous vapors can be released, including carbon monoxide, hydrogen chloride, organic acids and aldehydes.  
**Hazardous polymerization:** Will not occur.

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## SECTION VI HEALTH INFORMATION

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**Exposure limit:** n/a  
**Inhalation:** n/a  
**Skin:** Adhesion  
**Eyes:** Adhesion, irritation.  
**Ingestion:** Blockage of digestive and/or respiratory tract.  
**Chronic effects:** n/a

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## EMERGENCY AND FIRST AID PROCEDURES

**Inhalation:** n/a  
**Skin:** This is an alkaline product. If splashed on the skin immediately wash thoroughly with fresh water. If the product has dried on the skin massage the area with medical grade mineral oil, baby oil or edible oil, then wash with soap and water. If irritation persists seek medical attention.  
**Eyes:** Flush thoroughly with fresh water for at least ten minutes. Seek medical attention.  
**Ingestion:** DO NOT INDUCE VOMITING. Seek medical attention.

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## SECTION VII SPILL PROCEDURES

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**In the event of a spill:** Dike and contain, transfer to containers for recovery or disposal. Keep out of sewers.  
**Waste disposal method:** Follow federal, provincial and local regulations regarding disposal.

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## SECTION VIII SPECIAL PROTECTION

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**Respiratory protection:** n/a  
**Ventilation:** n/a  
**Protective gloves:** Recommended  
**Eye protection:** Safety glasses/splash goggles recommended  
**Other protective equipment:** Long sleeves, loose clothing recommended.

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## SECTION IX SPECIAL PRECAUTIONS

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**Storage and handling conditions:** Keep containers tightly closed when not in use.  
KEEP FROM FREEZING.  
**Special shipping information:** Not regulated by the Transportation of Dangerous Goods Regulations.

Prepared by: **Liquid Rubber Manufacturing Pty Ltd**

Preparation date: 18 May 2010 Replaces: 28 Sep 2004

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