



# MATERIAL SAFETY DATA SHEET

Issue date: 11<sup>th</sup> April, 2007,

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name: BITUMEN PAINT**

Company: Tremco Pty Limited ABN 25 000 024 064  
Address: Unit 1, 2 Park Road, Rydalmere, New South Wales, 2116  
Contact Nos.: Telephone: (02) 9638 2755 Fax: (02) 9638 2955  
Emergency Telephone: 1800 224 512 7am to 5pm Monday to Friday inclusive  
Product Code: 215303 20L Pail 130105 4L Tin  
130104 1L Tin 130106 500ml Tin

Recommended Use: Concrete primer, adhesive for Malthoid, protective coating for metal surfaces.

Method of Application: Sprayed, brushed or rolled  
Manufacturer's Product Code: Bitumen Paint

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## 2. HAZARDS IDENTIFICATION

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CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

Hazchem Code: 3Y  
Symbols: Xn Harmful  
Risk Phrases: R10 Flammable  
R20/21 Harmful by inhalation and in contact with skin  
Safety Phrases: S2 Keep out of the reach of children  
S25 Avoid contact with eyes

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name:	CAS Number:	Proportion:
Liquid Hydrocarbons	8008-20-6	01-<10%
Gilsonite	12002-43-6	11-<60%

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## 4. FIRST AID MEASURES

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Swallowed: If swallowed, do **NOT** induce vomiting. Give glass of water. SEEK MEDICAL AID.

Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes. Transport to nearest medical facility for additional treatment.

Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap.

Inhaled: Remove from exposure. Apply artificial respiration if not breathing. SEEK MEDICAL AID.  
First Aid Facilities: Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.  
Advice to Doctor Treat symptomatically.  
Additional Information: None available

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## 5. FIRE FIGHTING MEASURES

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Closed containers may explode when exposed to extreme heat (fire). This product will emit flammable vapours if exposed to extreme heat.

Flammability: This product is highly flammable. Isolate from source of heat, naked flame or sparks. Take precautions against static electricity discharges. Explosive air vapour mixture may form, ensure adequate ventilation.

Hazchem Code: 3Y

Suitable Extinguishing Media:

Foam, water spray or fog. Dry chemical powder, carbon dioxide.

Special Fire

Fighting Procedures: As for Cutback Bitumen. Fire fighters should use breathing apparatus.

Unusual Fire and

Explosion Hazards: Carbon monoxide may be evolved if incomplete combustion occurs.

Precautions For Fire

Fighters & Special

Protective Equipment: Wear full protective clothing and self-contained breathing apparatus (SCBA).

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## 6. ACCIDENTAL RELEASE MEASURES

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Observe all local and national regulations

Spills and Disposal: Steps to take to minimise a spill or leak

- Do not allow the product to enter drains or watercourses.
- Clean up crews should wear protective clothing i.e. PVC gloves, safety shoes, eye protection
- If there is no risk involved, stop leaks
- Stay upwind, remove any source of ignition
- Wherever possible spilt material should be recovered into a sound container
- For small spills, all residue should be absorbed onto a suitable absorbent such as earth, sand or proprietary absorbent.
- For large spills, contain the spill by using booms etc., Inform regulatory authorities immediately (e.g. Fire Brigade, EPA).

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## 7. HANDLING & STORAGE

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Dangerous Goods Class 3

Sub Risk : None allocated

Storage should be as for a manufactured product containing liquid. Store in areas/building designed to comply with the appropriate dangerous goods regulations and Australian Standards. Protect from physical damage. Keep container closed when not in use. Do not use pressure to empty drums.

Transport should be in accordance with the Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road and Rail.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Exposure Standards: TLV – ACGIH. TWA 100/ppm. 375 mg/m<sup>3</sup>  
STEL 150 ppm 560 mg/ m<sup>3</sup>

Personal Protection: Chemical splash-proof glasses and oil resistant gloves are recommended. Wear safety footwear. Avoid contact of the product with the eyes and skin. Do not swallow. Avoid inhalation of the vapours. Contaminated clothing should be removed and re-laundered before re-use. If risk of overexposure exists, wear approved respirators, suitable for organic vapours and complying with AS 1716. Correct fit is essential to obtain adequate protection. For confined spaces or emergencies involving very high concentrations use SAA approved self-contained breathing apparatus.

Engineering Controls:

Process modification to eliminate substance:	Not applicable
Segregation of processes from personnel and/or distance:	Not applicable
Vessel Containment Controls:	Not applicable
Enclosure of sources of substances to the maximum extent possible	Not applicable
Mechanical handling to reduce human contact with substance	The use of forklifts to load/unload drums and/or pallets should be used whenever possible
Is a local Exhaust System required?	Not required

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Black Paint
Odour	Characteristic
Vapour Pressure:	Not available
Boiling Point (°C):	150°C
Melting Point (°C):	Not applicable
Solubility in Water (% by Wt):	Immiscible
Specific Gravity @ 25°C:	0.92
Flashpoint: (°C):	37°C (closed cup)
Flammability Limits in Air (% Volume):	Lower = 1      Upper = 7
Shock Sensitivity:	Not applicable
Corrosiveness:	Not applicable
Oxidising Properties:	Avoid oxidising agents
Reactivity:	Stable
Autoignition Temperature:	450°C
Odour Threshold:	Not available
Vapour Density (Air=1):	4.25 @ 15°C
Bulk Density:	Not applicable
Volatile Organic Compounds:	50%
pH:	Not applicable
Solubility in Organic Solvents:	Soluble
Evaporation Rate:	Not available

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## 10. STABILITY AND REACTIVITY

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Under normal circumstances of use this product is stable.

Conditions to avoid: In enclosed areas provide sufficient dilution exhaust ventilation to minimize exposure limits and flammable vapour concentrations.

Hazardous Decomposition Products: In a fire decomposition products such as smoke, carbon monoxide, carbon dioxide may be produced.

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## 11. TOXICOLOGICAL INFORMATION

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### HEALTH EFFECTS

*Acute:*

Swallowed: Ingestion of material may cause gastrointestinal disturbance, including irritation, nausea and vomiting.

Eye: Direct eye contact may cause irritation.

Skin: Contact with skin can result in irritation. Will have a degreasing action on the skin. Repeated and/or prolonged contact may lead to irritant contact dermatitis.

Inhalation: Vapour may be irritant to mucus membranes and respiratory tract.

Inhalation of vapour can result in headaches, dizziness and possible nausea.

Threshold limit value for Liquid Hydrocarbons is approx. >100 ppm.

*Chronic:*

Prolonged contact may lead to irritant contact dermatitis.

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## 12. ECOLOGICAL INFORMATION

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No data available.

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## 13. DISPOSAL CONSIDERATIONS

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Disposal Methods: Ensure waste disposal conforms to local waste disposal regulations.

- Wherever possible, reprocess or recycle any reclaimed material to reduce waste.
- Contained spills need to be soaked up and disposed into a metal container (avoid using plastic containers).
- The absorbed material may be disposed of as solid waste in conformity with the requirements of the Regulatory Authorities.

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## 14. TRANSPORT INFORMATION

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UN Number: 1999  
Class: 3  
Packing Group: III  
Hazchem Code: 3Y  
Correct Shipping Name: TARS, LIQUIDS

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## 15. REGULATORY INFORMATION

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Poisons Schedule: None allocated  
Risk and Safety Phrases listed in Section 2

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## 16. OTHER INFORMATION

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For Industrial Use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use and storage of the product under every foreseeable condition.

Website: [www.tremco.com.au](http://www.tremco.com.au)

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