



MATERIAL SAFETY DATA SHEET

Issue date: 11th April, 2007

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HEAVY GRADE HYDROSEAL®

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: 130120 550g Tin 130107 1Kg Tin
130108 4Kg Tin 130109 20Kg Pail

Recommended

Use: Anticorrosive, insulating and waterproofing paint

Other Names: Blackjack Trowelable

Manufacturer's Product

Code: Blackjack Trowelable

Proper Shipping

Name: TARS, LIQUIDS

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

Symbols: Xn Harmful

Risk Phrases: R10 Flammable
R20/21 Harmful by inhalation and in contact with skin
R38 Irritating to skin

Safety Phrases: S2 Keep out of the reach of children
S25 Avoid contact with eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name: | CAS Number: | Proportion: |
|---------------------|-------------|-------------|
| Bitumen | 8052-42-4 | 11-<60% |
| Liquid Hydrocarbons | 8042-47-5 | 11-<60% |
| Talc | 147807-96-6 | 11-<60% |
| Bentonite Clay | 1302-78-9 | 11-<10% |

4. FIRST AID MEASURES

Swallowed: If swallowed, do **NOT** induce vomiting. Give a 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.

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| Skin: | If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap and water. |
| Inhaled: | Keep victim calm and remove to fresh air if it is safe to do so. Apply artificial respiration if not breathing. SEEK MEDICAL AID. |
| First Aid Facilities: | First aid kit to be located on site at all times. 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 |

5. FIRE FIGHTING MEASURES

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| Flammability: | This product is highly flammable. Exposed containers should be cooled with water spray |
| Hazchem Code: | 3Y |
| Suitable Extinguishing Media: | Dry chemical, foam, carbon dioxide and fog. |
| Special Fire Fighting Procedures: | As for Cutback Bitumens. Fire fighters should use breathing apparatus. Water expands hot bitumen very rapidly as the water turns to steam. |
| Unusual Fire and Explosion Hazards: | Carbon Monoxide and Carbon Dioxide will be formed if the product is ignited. |
| Precautions For Fire Fighters & Special Protective Equipment: | Wear full protective clothing and self-contained breathing apparatus (SCBA). |

6. ACCIDENTAL RELEASE MEASURES

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).

7. HANDLING & STORAGE

Dangerous Goods Class 3

Sub Risk : None allocated

Storage should be as for a manufactured product containing Class 3 flammable liquid. Store in areas/building designed to comply with the appropriate dangerous goods regulations. 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.

Flammability: Highly flammable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: TLV – Liquid Hydrocarbons – 100 ppm

Personal Protective Equipment:

Respiratory Protection: In poorly ventilated areas, a respirator suitable for organic vapours should be used. Air supplied respirators should be used in areas with inadequate oxygen and high vapour concentrations.

Hand Protection: PVC gloves should be used when handling material.

Eye Protection: Use close fitting chemical safety goggles, otherwise use safety glasses fitted with side shields. If splashing is possible use a face shield over safety glasses as added protection.

Protective Clothing: Wear industrial type work clothing and safety footwear.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black Paint
Odour: Characteristic
pH: Not applicable
Vapour Pressure: Not available
Boiling Point (°C): 150°C

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|--|--------------------------|
| Melting Point (°C): | Not applicable |
| Solubility in Water (% by Wt): | Immiscible |
| Specific Gravity @ 25°C: | 1.15 |
| Flashpoint: (°C): | 37°C (closed cup) |
| Flammability Limits in Air (% Volume): | Lower = 1 Upper = 7 |
| Shock Sensitivity: | Not applicable |
| Corrosiveness: | Not applicable |
| Oxidising Properties: | Not applicable |
| Reactivity: | Stable |
| Autoignition Temperature: | Not available |
| Odour Threshold: | Not available |
| Vapour Density (Air=1): | 4 |
| Bulk Density: | Not applicable |
| Volatile Organic Compounds: | 40% |
| Solubility in Organic Solvents: | Soluble |

10. STABILITY AND REACTIVITY

Under normal circumstances of use this product is stable.

Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials: Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

Hazardous Decomposition Products: In a fire, hazardous products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

TLV for Liquid Hydrocarbons – 100ppm

Acute:

Swallowed: Do not induce vomiting. Give a glass of water. SEEK MEDICAL AID.

Eye: Flush thoroughly with water for at least 15 minutes. SEEK MEDICAL AID.

Skin: Remove contaminated clothing and wash skin thoroughly with soap and water.

Inhalation Inhalation of vapours can result in headaches, dizziness and possible nausea. Threshold limit value for Liquid Hydrocarbons is approx. >100 ppm.

Chronic:

Not stated.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

UN Number: 1999
Proper Shipping Name: TARS, LIQUIDS
Class: 3
Subsidiary Risk: None allocated
Packing Group: III
Hazchem Code: 3Y
Special Precautions for User: Carbon Monoxide and Carbon Dioxide will be formed if the product is ignited.

15. REGULATORY INFORMATION

Rick and Safety Phrases listed in Section 2.

16. OTHER INFORMATION

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

The information sourced for the preparation of this document was correct and complete at the time of writing or to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product undertaken in good faith. This documents should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority.