Safety Data Sheet

Safety Data Sheet: ASPHALT IN A BAG/BUCKET
Issue Date: January 2015

Section 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: ASPHALT IN A BAG/BUCKET
Recommended Use of the Chemical and Restriction on Use: Repairing asphalt pavement, driveways and parking lots.
Details of Manufacturer or Importer:
Unit 11, 348 South Pine Road, Brendale QLD 4500
P 1300 789 967 F 07 3206 8339 E orders@permanentpotholesolutions.com.au

Phone Number: 1300 789 967
Emergency Telephone Number: 07 3061 6662

Section 2 - HAZARDOUS IDENTIFICATION

Hazardous Nature:
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
The product is not classified as hazardous according to the Globally Harmonized System (GHS).

Label Elements
Signal Word: Void
Hazard Statements: Void

Section 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

| 8052-42-4 Asphalt | 3-4% |

Additional information:
Note N: The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.
Note P: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1% w/w benzene (EINECS no. 200-753-7).

Section 4 - FIRST AID MEASURES

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:
In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:
If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Information for Doctor

Symptoms Caused by Exposure:
Skin Contact: Irritation, redness, itching and swelling.
Eye Contact: Irritation, tearing, stinging, blurred vision, and redness.
Ingestion: Gastrointestinal irritation, nausea and vomiting.
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Section 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Dry chemical, carbon dioxide, fine water spray (fog). Do not direct water stream into burning material.

Specific Hazards Arising from the Chemical:
Hazardous combustion products include oxides of carbon, nitrogen and sulphur. Combustible liquid Class 2. Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:
Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear Safe Work Australia approved respiratory protection and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains or watercourses.

Methods and Materials for Containment and Cleaning Up:
Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling:
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:
Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents and acids.

Section 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

| Exposure Standards: |
| 8052-42-4 Asphalt |
| NES TWA: 5 mg/m^3 fumes |

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Personal Protective Equipment (PPE):

Respiratory Protection:
Use a Safe Work Australia approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.
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Skin Protection:
Leather/pigskin, neoprene or nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:
Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
- Form: Solid and liquid asphalt mix
- Colour: Black
- Odour: Petroleum odour
- Odour Threshold: Not determined
- pH-Value: Not determined
- Melting point/Melting range: Not determined
- Initial Boiling Point/Boiling Range: 145-375 °C
- Flash Point: 177 °C
- Flammability: Combustible liquid Class 2
- Auto-ignition Temperature: No information available
- Decomposition Temperature: Not determined

Explosion Limits:
- Lower: Not determined
- Upper: Not determined

Vapour Pressure: Not determined
Relative Density: Not determined
Vapour Density: Not determined
Evaporation Rate: Not determined
Solubility in Water: Not soluble in water
Partition Coefficient (n-octanol/water): Not determined.

Section 10 - STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.
Chemical Stability: Stable at ambient temperature and under normal conditions of use.
Conditions to Avoid: Heat, sparks, open flames and other sources of ignition.
Incompatible Materials: Strong oxidising agents.
Hazardous Decomposition Products:
No hazardous decomposition products known. Oxides of carbon, nitrogen and sulphur.
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Section 11 - TOXICOLOGICAL INFORMATION

Toxicity:
Acute Health Effects
Inhalation: May cause respiratory irritation.
Skin: May cause skin irritation, redness, itching and swelling.
Eye: May cause eye irritation, tearing, stinging, blurred vision, and redness.
Ingestion: May cause gastrointestinal irritation, nausea and vomiting.
Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.
Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.
Respiratory or Skin Sensitisation: No sensitising effects known.
Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.
Carcinogenicity: This product does NOT contain any IARC listed chemicals.
Reproductive Toxicity: Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Single Exposure: Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Repeated Exposure: Based on classification principles, the classification criteria are not met.
Aspiration Hazard: Based on classification principles, the classification criteria are not met.
Chronic Health Effects:
Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
Existing Conditions Aggravated by Exposure: No information available

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No information available
Aquatic toxicity: No information available
Persistence and Degradability: No information available
Bioaccumulative Potential: No information available
Mobility in Soil: No information available

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.
Special Precautions for Landfill or Incineration: Please consult your state Land Waste Management Authority for more information.

Section 14 - TRANSPORT INFORMATION

UN Number: Not regulated
Proper Shipping Name: Not regulated
Dangerous Goods Class: Not regulated
Packing Group: Not regulated
Marine pollutant: No
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Section 15 - REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Australian Inventory of Chemical Substances:</th>
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<tbody>
<tr>
<td>8052-42-4 Asphalt</td>
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<tr>
<td>68334-30-5 Fuels, diesel</td>
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Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.

Section 16 - OTHER INFORMATION

Creation Date: 05.11.2014
Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer
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