# Material Safety Data Sheet

**Issue Date:** June 2011

## Product Name: SOILOC

**Not classified as hazardous according to criteria of NOHSC**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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| **Product Name** | SOILOC |
| **Product Code** | RAP370 |
| **Product Use** | Wetting Agent |
| **Company Name** | Quattro Solutions |
| **Address** | 130 Radium Street Welshpool WA 6106 |
| **Emergency Telephone** | +61 438 454 808 |
| **Telephone** | (08) 6142 3101 |
| **Fax** | (08) 9458 4388 |

### 2. HAZARDS IDENTIFICATION

- Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
- Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| **Ingredients Name** | High = 60%> Medium = 10-60% Low = <10% | | | | |
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| | **CAS** | **Proportion** | | | |
| Alkyl Acrylate-Styrene Copolymer | Proprietary | M | | | |
| Ingredients determined to be non hazardous | - | Balance | | | |

### 4. FIRST AID MEASURES

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| **Inhalation** | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.<br>If symptoms develop seek medical attention. |
| **Ingestion** | Do not induce vomiting. Immediately wash out mouth with water.<br>If symptoms develop seek medical attention. |
| **Skin** | Wash with water and soap. Ensure contaminated clothing is washed before re-use or discard.<br>If irritation develops and persists seek medical attention. |
| **Eye** | If contact with the eyes occurs, wash with copious amounts of water holding eyelids open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention. |
| **First Aid Facilities** | Eye wash and normal washroom facilities. |
| **Advice to Doctor** | Treat symptomatically. |
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| **5. FIRE FIGHTING MEASURES** | |
| **Extinguishing Media** | Use extinguishing media appropriate for surrounding fire. |
| **Hazards from Combustion Products** | Combustion is likely to give rise to a complex mixture of gas and airborne particulates, including carbon monoxide and unidentified organic and inorganic compounds. |
| **Specific Hazards** | Non-flammable, however, polymer will burn in a general fire. Material can spatter above 100°C. Fire-exposed container may rupture/explode. |
| **Precautions in connection with Fire** | Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. |
| **6. ACCIDENTAL RELEASE MEASURES** | |
| **Emergency Procedures** | Increase ventilation. Wear sufficient respiratory protection and protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Collect the material and place into a suitable labeled container. Do not dilute material but contain. Mop up the remaining material and place into the same container. If this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority. |
| **7. HANDLING AND STORAGE** | |
| **Precautions for Safe Handling** | It is essential that all who come into contact with this material, maintain high standards personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toilet. |
| **Safe Storage** | Store in a cool dry place, out of direct sunlight. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents. |
| **8. EXPOSURE CONTROL/PERSONAL PROTECTION** | |
| **National Exposure Standards** | No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSG). |
| **Biological Limit Values** | No biological limit allocated. |
| **Engineering Controls** | Natural ventilation should be sufficient, however where vapours are generated, particularly in enclosed areas, and/or natural ventilation is inadequate, a local exhaust ventilation system is recommended. |
| **Respiratory Protection** | None required under normal operating conditions. However where ventilation is inadequate and vapours are generated, the use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended; however final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716 – Respiratory protective Devices. |
| **Eye Protection** | The use of chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended. |

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| **Hand Protection** | Impervious gloves (Chioroprene/Nitrile/PVC/Rubber) recommended as appropriate. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance. |
| **Body Protection** | Suitable work wear should be worn to protect personal clothing, e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended. Industrial clothing should conform to the specifications detailed in AS 2919: Industrial clothing |
| **9. PHYSICAL AND CHEMICAL PROPERTIES** | |
| **Appearance** | White liquid |
| **Odour** | Slight odour |
| **Melting Point** | 0°C (Water) |
| **Boiling Point** | 100°c (Water) |
| **Solubility** | Soluble in water |
| **Specific Gravity** | Approx 1 |
| **pH Value** | 7.0-9.5 (23°C) |
| **Vapour Pressure** | Approx 2.3 kPa (Water) |
| **Vapour Density (Air=1)** | <1 water |
| **Volatile Component** | 56-58% |
| **Flash Point** | n/a |
| **Flammable Limits** | Non flammable |
| **Misc Information** | |
| **10. STABILITY AND REACTIVITY** | |
| **Chemical Stability** | This material is considered stable. However, avoid temperatures above 177°C, the onset of polymer decomposition. |
| **Conditions to Avoid** | Extreme of temperature and direct sunlight. |
| **Hazardous Decomposition products** | Thermal decomposition may yield acrylic monomers. |
| **Hazardous Polymerization** | Will not occur. |
| **11. TOXICOLOGICAL INFORMATION** | |
| **Inhalation** | May cause irritation to the mucous membrane and upper airways. Symptoms of exposure can include sneezing and coughing. |
| **Ingestion** | May cause irritation to the mouth, esophagus and stomach. |
| **Skin** | May cause irritation to individuals with sensitive skin. |
| **Eye** | May cause irritation in contact with the eyes, which can result in redness, stinging and excessive tearing. |
| **Chronic Effects** | Repeated or prolonged exposure to this material may result in skin irritation individuals with sensitive skin. |
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| **12. ECOLOGICAL INFORMATION** | |
| **Ecotoxicity** | Not available |
| **Persistence / Degradability** | Not available |
| **Mobility** | Not available |
| **Environmental Protection** | Avoid contaminating waterways, drains, sewers, or ground |
| **13. DISPOSAL CONSIDERATIONS** | |
| **Waste Disposal** | Dispose of in accordance with Local, State and Federal regulations. |
| **14. TRANSPORT INFORMATION**<br>• Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. | |
| **U.N. Number** | Non allocated |
| **Proper Shipping Name** | Non allocated |
| **DG Class** | Non allocated |
| **Hazchem Code** | Non allocated |
| **Packing Group** | Non allocated |
| **15. REGULATORY INFORMATION**<br>• Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.<br>• Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). | |
| **Poisons Schedule** | n/a |
| **Hazard Category** | n/a |
| **16. OTHER INFORMATION** | |
| **Contact Point** | Alan Douglas |
| **Telephone** | 08 6142 3101 |
| **After Hours** | 0438 454 808 |
| We believe that the information herein is reliable, but we shall not be liable for any inaccuracy in the information or of any loss, injury or damage whatsoever arising which may result from its use as the application is outside the company's control. | |