

# MATERIAL SAFETY DATA SHEET

## Latex Suspensions

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Date of Issue: 21 Sept 06

### STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia

### COMPANY DETAILS

**Company:** ProSciTech  
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### IDENTIFICATION SECTION

|  |                                  |
|--|----------------------------------|
| <b>Product Name</b>                              | Latex Suspensions                |
| <b>Other Names</b>                               |                                  |
| <b>Product Code</b>                              | S009                             |
| <b>U.N. Number</b>                               | None allocated                   |
| <b>Dangerous Goods Class and Subsidiary Risk</b> | None allocated                   |
| <b>Hazchem Code</b>                              | None allocated                   |
| <b>Poison Schedule</b>                           | None allocated                   |
| <b>Use</b>                                       | Microscopy calibration standards |

### Physical Description and Properties

|                                    |   |
|------------------------------------|---|
| <b>Appearance</b>                  | Milky white to colourless liquid                                |
| <b>Boiling Point/Melting Point</b> | BP 100°C  |
| <b>Vapour Pressure</b>             | No data   |
| <b>Specific Gravity</b>            | 1.0-1.05  |
| <b>Flash Point</b>                 | No data   |
| <b>Flammability Limits</b>         | No data   |
| <b>Solubility in water</b>         | Material is a suspension of insoluble plastic spheres in water. |

### Other Properties

#### Ingredients

| Chemical Name         | CAS Number | Proportion |
|-----------------------|------------|------------|
| Solid plastic spheres | 25038-60-2 | 10%        |
| Water                 | 7732-18-5  | 90%        |
| Surfactant            |            | trace      |

## HEALTH HAZARD INFORMATION

### Health Effects:

#### *Acute*

|                   |   |
|-------------------|---|
| <b>Swallowed:</b> | Possible minor gastric irritation.  |
| <b>Eye:</b>       | Possible minor irritation.  |
| <b>Skin:</b>      | Non-irritating except for prolonged and repeated exposure.  |
| <b>Inhaled:</b>   | No known adverse effects, but respiration of fine particles should be avoided as a general principle. |

#### *Chronic:*

### First Aid:

|                              |   |
|------------------------------|---|
| <b>Swallowed:</b>            | For large volumes, induce vomiting and call a physician.  |
| <b>Eye:</b>                  | Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation persists, consult a physician and stain for corneal abrasion. |
| <b>Skin:</b>                 | Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.  |
| <b>Inhaled:</b>              | Remove to fresh air. Consult a physician if irritation persists.  |
| <b>First Aid Facilities:</b> |   |

### Advice to Doctor

## PRECAUTIONS FOR USE

|                              |   |
|------------------------------|---|
| <b>Exposure Standards:</b>   | None established  |
| <b>Engineering Controls:</b> | Normal ventilation is sufficient for most applications. |
| <b>Personal Protection:</b>  | Wear gloves, eye protection and protective clothing.    |
| <b>Flammability:</b>         | Not flammable under conditions of use                   |

## SAFE HANDLING INFORMATION

|                               |  |
|-------------------------------|--|
| <b>Storage and Transport:</b> | Store between 4° and 25°C. DO NOT FREEZE. Keep container tightly sealed to prevent contamination. Avoid damaging or puncturing containers.   |
| <b>Spills and Disposal:</b>   | Avoid creating, ingesting or inhaling dusts or aerosols. Wipe or wash up the material. Caution: surfaces covered with dry microspheres may become slippery. Small volumes (1L or less) may be disposed of in laboratory sinks and drains. Flush with water. Material may clog drains in large quantities. Bury large amounts of dry material in approved landfill. Observe all federal, state and local environmental regulations. |
| <b>Fire/Explosion Hazard:</b> | For dried material, use CO <sub>2</sub> , water or dry chemical extinguisher. Combustion can produce noxious gases. Use suitable breathing equipment.  |

## OTHER INFORMATION

|   |                   |
|---|-------------------|
| <b>Incompatibilities<br/>(Materials to avoid)</b> | No data available |
| <b>Animal Toxicity Data:</b>                      | No data available |

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